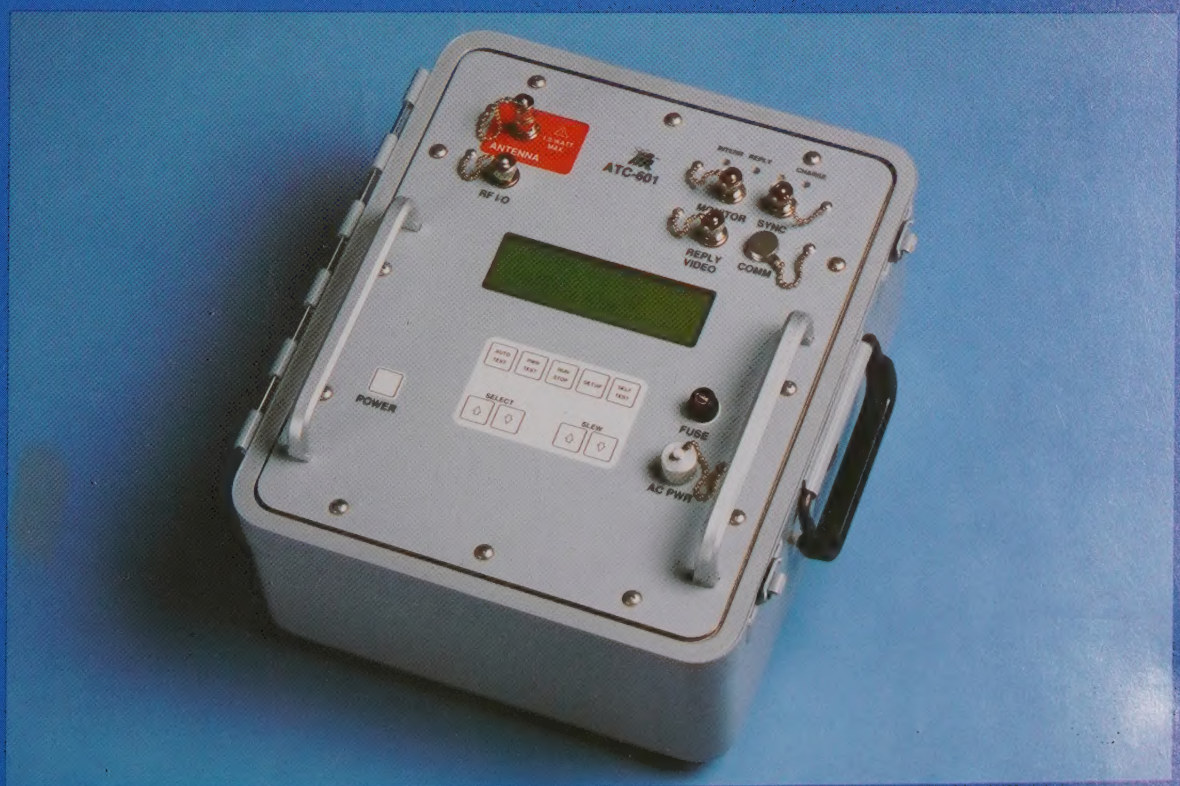
# ILLUSTRATED PARTS LIST

SYSTEMS, INC.

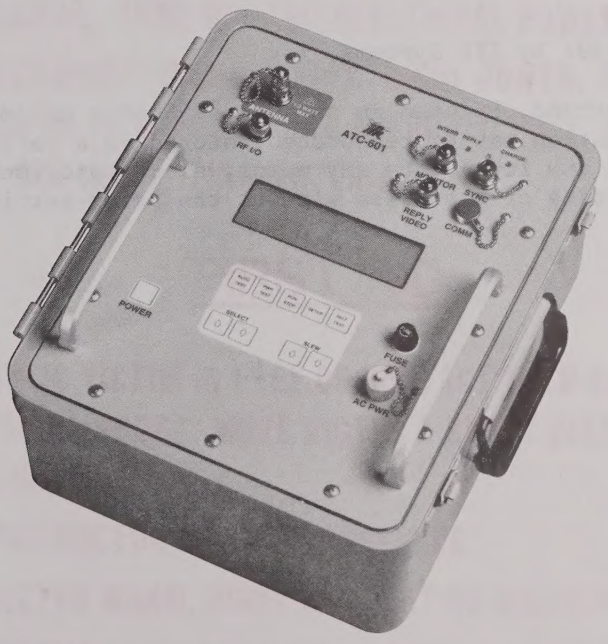
# ATC - 601
## RAMP TEST SET



SYSTEMS, INC.

# ILLUSTRATED PARTS LIST

# ATC - 601
## RAMP TEST SET




10200 West York Street / Wichita, Kansas 67215 U.S.A. / (316) 522-4981 / TWX 910-741-6952

1002-8101-500

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Wichita, Ks

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# WARNING:

## HIGH VOLTAGE EQUIPMENT

THIS EQUIPMENT CONTAINS CERTAIN CIRCUITS AND/OR COMPONENTS OF EXTREMELY HIGH VOLTAGE POTENTIALS, CAPABLE OF CAUSING SERIOUS BODILY INJURY OR DEATH. WHEN PERFORMING ANY OF THE PROCEDURES CONTAINED IN THIS MANUAL, HEED ALL APPLICABLE SAFETY PRECAUTIONS.

## RESCUE OF SHOCK VICTIMS

1. DO NOT ATTEMPT TO PULL OR GRAB THE VICTIM
2. IF POSSIBLE, TURN OFF THE ELECTRICAL POWER.
3. IF YOU CANNOT TURN OFF ELECTRICAL POWER, PUSH, PULL OR LIFT THE VICTIM TO SAFETY USING A WOODEN POLE, A ROPE OR SOME OTHER DRY INSULATING MATERIAL.

## FIRST AID

1. AS SOON AS VICTIM IS FREE OF CONTACT WITH SOURCE OF ELECTRICAL SHOCK, MOVE VICTIM A SHORT DISTANCE AWAY FROM SHOCK HAZARD.
2. SEND FOR DOCTOR AND/OR AMBULANCE.
3. KEEP VICTIM WARM, QUIET AND FLAT ON HIS/HER BACK.
4. IF BREATHING HAS STOPPED , ADMINISTER ARTIFICIAL RESUSCITATION. STOP ALL SERIOUS BLEEDING.

**CAUTION**

INTEGRATED CIRCUITS AND SOLID STATE DEVICES SUCH AS MOS FET'S, ESPECIALLY CMOS TYPES, ARE SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGES RECEIVED FROM IMPROPER HANDLING, THE USE OF UNGROUNDED TOOLS, AND IMPROPER STORAGE AND PACKAGING. ANY MAINTENANCE TO THIS UNIT MUST BE PERFORMED WITH THE FOLLOWING PRECAUTIONS:

1. BEFORE USING IN A CIRCUIT, KEEP ALL LEADS SHORTED TOGETHER EITHER BY THE USE OF VENDOR-SUPPLIED SHORTING SPRINGS OR BY INSERTING LEADS INTO A CONDUCTIVE MATERIAL.

2. WHEN REMOVING DEVICES FROM THEIR CONTAINERS, GROUND THE HAND BEING USED WITH A CONDUCTIVE WRISTBAND.

3. TIPS OF SOLDERING IRONS AND/OR ANY TOOLS USED MUST BE GROUNDED.

4. DEVICES MUST NEVER BE INSERTED INTO NOR REMOVED FROM CIRCUITS WITH POWER ON.

5. PC BOARDS, WHEN TAKEN OUT OF THE SET, MUST BE LAID ON A GROUNDED CONDUCTIVE MAT OR STORED IN A CONDUCTIVE STORAGE BAG.

**NOTE**

Remove any built-in power source, such as a battery, before laying PC Boards on conductive mat or storing in conductive bag.

6. PC BOARDS, IF BEING SHIPPED TO THE FACTORY FOR REPAIR, MUST BE PACKAGED IN A CONDUCTIVE BAG AND PLACED IN A WELL-CUSHIONED SHIPPING BOX.

THE USE OF SIGNAL GENERATORS FOR MAINTENANCE AND OTHER ACTIVITIES CAN BE A SOURCE OF ELECTROMAGNETIC INTERFERENCE TO COMMUNICATION RECEIVERS, WHICH CAN CAUSE DISRUPTION AND INTERFERENCE TO COMMUNICATION SERVICE OUT TO A DISTANCE OF SEVERAL MILES.

USERS OF THIS EQUIPMENT SHOULD SCRUTINIZE ANY OPERATION WHICH RESULTS IN RADIATION OF A SIGNAL (DIRECTLY OR INDIRECTLY) AND SHOULD TAKE NECESSARY PRECAUTIONS TO AVOID POTENTIAL COMMUNICATION INTERFERENCE PROBLEMS.

## RECORD OF REVISIONS

| REV NO | ISSUE DATE | DATE INSR | BY | REV NO | ISSUE DATE | DATE INSR | BY |
|---|---|---|---|---|---|---|---|
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# LIST OF EFFECTIVE PAGES

**The manual pages listed below which are affected by a current change or revision, are so identified by a revision number and an asterisk.**

**Date of issue for original and changed pages are:**

Original ..... 0 ..... November 1, 1991

**TOTAL NUMBER OF PAGES IN THIS MANUAL IS** 118 **CONSISTING OF FOLLOWING:**


| Pg. No. | Change No. | Pg. No. | Change No. |
|---|---|---|---|
| Title Page | 0 | 2-29 Blank | 0 |
| Copyright Page | 0 | 2-30 thru 2-40 | 0 |
| Warning Page | 0 | 2-41 Blank | 0 |
| Caution Page | 0 | 2-42 thru 2-54 | 0 |
| Record of Revisions | 0 | 2-55 Blank | 0 |
| Blank | 0 | 2-56 thru 2-58 | 0 |
| List of Effective Pages | 0 | 2-59 Blank | 0 |
| Blank | 0 | 2-60 thru 2-64 | 0 |
| Table of Contents | 0 | 2-65 Blank | 0 |
| Blank | 0 | 2-66 thru 2-72 | 0 |
| 1-1 thru 1-10 | 0 | 2-73 Blank | 0 |
| 2-1 thru 2-10 | 0 | 2-74 thru 2-77 | 0 |
| 2-11 Blank | 0 | 2-78 Blank | 0 |
| 2-12 thru 2-16 | 0 | 3-1 | 0 |
| 2-17 Blank | 0 | 3-2 Blank | 0 |
| 2-18 thru 2-22 | 0 | 3-3 thru 3-12 | 0 |
| 2-23 Blank | 0 | 4-1 thru 4-8 | 0 |
| 2-24 thru 2-28 | 0 | | |


All section-page numbers listed are to be prefaced with chapter 4.

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All section-page numbers listed are to be prefaced with chapter 4.

# 4-1 INTRODUCTION

## GENERAL

The purpose of this Illustrated Parts Catalog is for identification, requisition and issuance of replacement parts for the ATC-601 Ramp Test Set. Parts listed in this catalog meet critical equipment design specification requirements. For parts replacement, use only parts specified by this catalog.

Applicable beginning serial number is as follows:

| MODEL | SERIAL NO. |
|---|---|
| ATC-601 | SN 1286 & ON |

This catalog provides a breakdown of each assembly to the component level, while using a basic indenture system to identify both subassembly and next higher assembly components, as well as attaching hardware. A sample parts list page below illustrates this system.

ILLUSTRATED PARTS LIST

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 3 - 1 | | 7003-8140-000 | COMPOSITE ASSEMBLY SEE FIG 2 FOR NHA | | N/P |
| 2 | | 7005-8141-500 | CASE ASSEMBLY | | 1 |
| 3 | | 1063 | VALVE, RELIEF; (V62012), 6200-0000-001 | | 2 |
| 4 | | 718-R | FOOT, RUBBER; (V75543), 1421-8750-625 | | 4 |
| - 5 | | MS51957-29 | SCREW 6-32 X 7/16 PPHM; (V96906), 2804-0438-006 | | 4 |
| - 6 | | 5371BA | HANDLE, CARRYING; (V98003), 1407-7450-300 | | 1 |
| 7 | | 2525-7451-700 | GASKET, EMI/RFI | | 1 |
| 8 | | 1414-8152-900 | COVER, ACCESSORY STORAGE | | 1 |
| | | | ATTACHING PARTS | | |
| 9 | | MS51957-26 | SCREW 6-32 X 1/4 PPHM; (V96906), 2804-0250-006 | | 3 |
| 10 | | AN960C6 | WASHER, FLAT #6; (V96906), 2840-0000-024 | | 3 |
| | | | ---*--- | | |
| - 11 | | ZB1105MI | FOOT, RUBBER; (V76385), 1421-0003-781 | | 2 |
| | | | ATTACHING PARTS | | |
| - 12 | | MS51957-15 | SCREW 4-40 X 3/8 PPHM; (V96906), 2803-0375-006 | | 2 |
| | | | ---*--- | | |
| 13 | | 2400-8156-300 | DECAL WARNING | | 1 |
| 14 | | 2400-2386-300 | LABEL, IDENT | | 1 |
| 15 | | A340-625-12 | LATCH, SLIDE; (V94222), 2850-0000-109 | | 1 |
| 16 | | 2517-8155-100 | PAD, RUBBER ADH | | 2 |
| 17 | | BKAGC1 | FUSE, FAST BLO 1 A, 250 V; (V71400), 5106-4501-000 | | 1 |
| 18 | | 67014 | CLIP 1/4 D; (V25706), 2111-0000-002 | | 1 |
| 19 | | 1201-8180-900 | ANTENNA, FLEX; MODIFIED FROM 872-960BNCV | | 1 |
| | | | MADE BY (VUNK058) | | |
| 20 | | 67012 | CLIP 1/2 D; (V25706), 2111-0002-500 | | 1 |
| 21 | | 6500-7481-000 | AC POWER CABLE ASSY | | 1 |
| 22 | | RT50R | TY-RAP, RELEASABLE; (V53421), 6004-6006-550 | | 1 |
| | | | ATTACHING PARTS | | |
| 23 | | MB5A | MOUNT, TY-RAP 4-WAY; (V53421), 6004-8100-100 | | 1 |
| | | | ---*--- | | |
| - 24 | | 7005-8142-200 | ANTENNA SHEILD ASSEMBLY | | 1 |
| 25 | | 7005-8142-300 | PLATE ASSY, ANTENNA SHEILD | | 1 |
| 26 | | 7005-8142-400 | CLAMP ASSY, ANTENNA | | 1 |
| 27 | | 6057-1109-600 | CABLE ASSY, COAX FLEX | | 1 |
| 28 | | 7005-8140-600 | FLAT ANTENNA ASSEMBLY SEE FIG 23 | | 1 |
| 29 | | 2517-8155-200 | PAD, RUBBER ADH | | 1 |
| - 30 | | 7005-8140-100 | CHASSIS ASSY | | 1 |
| | | | ATTACHING PARTS | | |

## HOW TO USE

This catalog is compiled of three indices to aid the user in locating parts.

Alphabetical Index

To locate a part number if the assembly in which the part is used is known, refer to the Alphabetical Index to identify the number of the figure that will show the breakdown of the assembly. Locate the part and its item number on the illustration and find the applicable item number on the parts list to determine its part number and description.

Numerical Index

To locate the illustration for a part if the part number is known, refer to the Numerical Index (in the back of Catalog) and find the part number. Turn to the Detailed Parts List and find the first figure and item number indicated in the Numerical Index for that part. If this figure shows the part in a section or system of the equipment other than the one desired, refer to the other figure numbers listed in the Numerical Index.

Equipment Designator Index

To locate the illustration for a part if the equipment is known, refer to the Equipment Designator index (in the back of Catalog) and find the equipment designator; turn to the Detailed Parts List and find the figure and item number indicated in the index.

Assembly Vs. Subassembly

The first line of text under indenture 1 of the page heading is the assembly being broken down in the designated figure. Any item listed under indenture 2 is a subassembly component of the preceding item listed under indenture 1. Any item listed under indenture 3 is a subassembly or component of the preceding subassembly listed under indenture 2, and so on.

Attaching Hardware

All attaching hardware for a particular part is listed under the "ATTACHING PARTS" designation, which in turn appears directly below the parent part. The last item making up the attaching parts group precedes the symbol "---*---".

NOTE

The quantity listed for the attaching parts is the quantity required to attach only one of the parent parts.

When a parent part is supplied with any or all of its mounting hardware, the designation "INCL MTG HARDWARE" will be listed adjacent to the parent part. Any additional attaching hardware required beyond the supplied mounting hardware, will be listed separately below the parent part.

## PROCEDURE FOR ORDERING PARTS

When ordering parts, the model and serial number of your set must accompany parts order. The parts order itself must contain the IFR Systems part number (DO NOT use the original manufacturer's part number) and description of the part(s) being ordered. DO NOT order parts by item numbers; these numbers are provided as a convenience to user for correlating parts between the illustration page and the parts list.

Direct all parts orders to:
Customer Service
IFR Systems, Inc.
10200 West York Street
Wichita, KS 67215 U.S.A.
TEL (316) 522-4981/TWX 910-741-6952

Effectivities as indicated in Detail Parts List are as follows: NA

## LIST OF ABBREVIATIONS

The following is a list of abbreviations and symbols commonly used throughout this parts catalog:

| | |
|---|---|
| A | - Ampere |
| A/D | - Analog to Digital |
| A/D-D/A | - Analog to Digital/Digital to Analog |
| A/H | - Ampere Hour |
| A/R | - As Required |
| ACTR | - Actuator |
| ADH | - Adhesive |
| ADJ | - Adjust |
| ADPTR | - Adapter |
| AMP | - Amplifier |
| AN | - Alphanumeric |
| ANL | - Analog |
| ASSY | - Assembly |
| ASYN | - Asynchronous |
| ATTEN | - Attenuator |
| AUX | - Auxiliary |
| BCD | - Binary Coded Decimal |
| BD | - Board |
| BFR | - Buffer |
| BIN | - Binary |
| BMG | - Type B, Medium Grade |
| BOT | - Bottom |
| BSTB | - Bistable |
| C | - Center |
| CHA | - Channel |
| CHAR | - Character |
| CIRC | - Circular |
| CKT | - Circuit |
| CLR | - Clear |
| CMPTR | - Comparator |
| CNTR | - Counter |
| COMM | - Communication |
| CNDCT | - Conductor |
| CONFIG | - Configuration |
| CONN | - Connector |
| CONT | - Control |
| CONV | - Converter |
| CP | - Coupler |
| CPRSN | - Compression |
| CPU | - Central Processing Unit |
| CRT | - Cathode Ray Tube |
| CRYG | - Carrying |
| D/A | - Digital to Analog |
| dB | - Decibel |
| DCDR | - Decoder |
| DEC | - Decade |
| DEFL | - Deflection |
| DEMOD | - Demodulated |
| DET | - Detector |
| DIFF | - Differential |
| DIV | - Divider |
| DMPLXR | - Demultiplexer |
| DPDT | - Double Pole Double Throw |
| DPST | - Double Pole Single Throw |
| DRVR | - Driver |
| DSPL | - Display |
| DVC | - Device |
| DVM | - Digital Voltmeter |
| ELAS | - Elastic |
| ENCL | - Enclosure |
| FIFO | - First In First Out |
| FIG | - Figure |
| FLEX | - Flexible |
| FLTPK | - Flat Pack |
| FLTR | - Filter |
| FLUOR | - Fluorescent |
| FR | - Front |
| FREQ | - Frequency |
| FSO | - For Spares Order |
| FXD | - Fixed |
| GA | - Gauge |
| GEN | - Generator |
| GND | - Ground |
| GPIB | - General Purpose Interface Bus |
| HS | - Heat Shrink |
| Hz | - Hertz |
| I/O | - Input/Output |
| IC | - Integrated Circuit |
| IF | - Intermediate Frequency |
| INCL | - Includes |
| INP | - Input |
| INT | - Internal |
| INTFC | - Interface |
| INV | - Inverter |
| INTVL | - Interval |
| K | - Kilohm |
| kHz | - Kilohertz |
| KV | - Kilovolt |
| KW | - Kilowatt |
| LCA | - Logic Cell Array |
| LCH | - Latch |
| LG, L | - Long |
| LGC | - Logic |
| LOG | - Logarithmic |
| LPF | - Low Pass Filter |
| LWR | - Lower |
| M | - Megohms |
| M/S | - Master/Slave |
| MAGTD | - Magnitude |
| MHz | - Megahertz |
| MIPRCS | - Microprocessor |
| ML | - Monolithic |
| MOD | - Modulus |
| MON | - Monitor |
| MNSTB | - Monostable |
| MPLXR | - Multiplexer |
| MTG | - Mounting |
| MULTR | - Multiplier |
| N/P | - Non-procurable |
| NAT | - Natural |
| NHA | - Next Higher Assembly |
| NO | - Number |

## LIST OF ABBREVIATIONS

NYL - Nylon
OD - Outside Diameter
OFS - Offset
OSC - Oscillator
PAL - Programmable Array Logic
PC BD - Printed Circuit Board
pF - Picofarad
PFHM - Phillips Flat Head Machine (Screw)
PHEN - Phenolic
PNL - Panel
POS - Position
PPHM - Phillips Pan Head Machine (Screw)
PRCSG - Processing
PRF - Pulse Repetition Frequency
PRGM - Program
PRL - Parallel
PTHM - Phillips Thin Head Machine (Screw)
PWM - Pulse Width Modulation
PWR - Power
QDRTR - Quadrature
QTY - Quantity
R/A - Right Angle
RCV - Receive
RCVR - Receiver
RCVY - Recovery
RECT - Rectifier
REF - Reference
REF DES - Reference Designator
REG - Regulator
RF - Radio Frequency
RTNR - Retainer
S - Strand
S BAR - Schottky Barrier
S/A - Spectrum Analyzer
SER - Serial
SFHM - Socket Flat Head Machine (Screw)
SHC - Socket Head Cap (Screw)
SHS - Socket Head Set (Screw)
SI - Silicon
SIG - Signal
SN - Serial Number
SP - Speaker
SPDT - Single Pole Double Throw
SPST - Single Pole Single Throw
SQ - Square
SR - Shift Register
SS - Stainless Steel
SSB - Single Side Band
STD - Standard
STR - Straight
SUPPR - Suppressor
SW - Switch
SWD - Switched
SYNC - Synchronized
SYN - Synchronous
TERMN - Termination
TFL, TFE - Teflon
THK, TH - Thick
TRIG - Trigger
TW - Thumbwheel
U/D - Up/Down
UNDCHD - Undercut Head (Screw)
UNIV - Universal
UNK - Unknown
UPR - Upper
V - Volt
VAC - Volts Alternating Current
VAC - Vacuum
VAR - Variable
VCO - Voltage Controlled Oscillator
VDC - Volts Direct Current
VID - Video
VOLT REG - Voltage Regulator
XCVR - Transceiver
XFMR - Transformer
XMTR - Transmitter
XSTR - Transistor
XTAL - Crystal
Ω - OHMS
µF - Microfarad
µH - Microhenry

## WIRF COLOR ABBREVIATIONS

BLK - Black
BRN - Brown
RED - Red
ORN - Orange
YEL - Yellow
GRN - Green
BLU - Blue
VIO - Violet
GRA - Gray
WHT - White

## MANUFACTURER IDENTIFICATION

| | |
|---|---|
| 29454 | Johanson Dielectrics, Inc.<br>2210 Screenland Dr.<br>P.O. Box 6465<br>Burbank, CA 91505-1137 |
| 3A054 | McMaster-Carr Supply Co.<br>9630 Norkwalk Blvd.<br>Santa Fe Springs, CA 90670-2932 |
| 31433 | Kemet Electronics Corp.<br>2835 Kemet Way<br>Simpsonville, SC 29681 |
| 31918 | ITT Schadow, Inc.<br>8081 Wallage Rd.<br>Eden Praire, MN 55344-2224 |
| 32039 | Zeus Industrial Products, Inc.<br>Ft. Thompson St.<br>P.O. Box 298<br>Raritan, NJ 08869 |
| 32997 | Bourns, Inc.<br>Trimpot Div.<br>1200 Columbia Ave.<br>Riverside, CA 92507-2114 |
| 33095 | Spectrum Control, Inc.<br>2185 W. Eighth St.<br>Erie, PA 16505 |
| 4U751 | Advanced Semiconductors Inc.<br>7525 Ethel Ave.<br>Unit G<br>N. Hollywood, CA 91605-1912 |
| 44655 | Ohmite Mfg. Co.<br>3601 W. Howard St.<br>Skokie, IL 60076-4014 |
| 45684 | Midwest Fastener Supply, Inc.<br>2238 S. Mead<br>Wichita, KS 67211 |
| 46384 | Penn Engineering & Mfg. Corp.<br>Old Easton Rd.<br>P.O. Box 1000<br>Danboro, PA 18916 |
| 5R599 | Finnigan Electronics<br>1714 Scherer Pkwy.<br>P.O. Box 1082<br>St. Charles, MO 63302 |
| 50088 | SGS-Thomson Microelectronics, Inc.<br>1310 Electronics Dr.<br>Carrollton, TX 75006-6905 |
| 50157 | Midwest Components, Inc.<br>1981 Port City Blvd.<br>P.O. Box 787<br>Muskegon, MI 49443 |
| 50721 | Datel, Inc.<br>11 Cabot Blvd.<br>Mansfield, MA 02048 |
| 51640 | Analog Devices, Inc.<br>Microelectronics Div.<br>829 Woburn St.<br>Wilmington, MA 01887-3414 |
| 52847 | United States Crystal Corp.<br>3605 McCart<br>Fort Worth, TX 76110-6414 |
| 52865 | Fastener Sales Co.<br>3228 Collinsworth<br>Forth Worth, TX 76107-6528 |
| 53217 | Technical Wire Products, Inc.<br>DBA Tecknit, Inc.<br>320 N. Nopal St.<br>Santa Barbara, CA 93103-3225 |
| 53421 | Tyton Corp.<br>7930 N. Faulkner Rd.<br>P.O. Box 23055<br>Milwaukee, WI 53223 |
| 53919 | Plasternack Enterprises<br>17895-C Skypark Blvd<br>P.O. Box 16759<br>Irvine, CA 92713-6759 |
| 54893 | Hewlett-Packard Co.<br>Microwave Semiconductor Div.<br>350 W. Trimble Rd.<br>San Jose, CA 95131-1008 |
| 55322 | Samtec, Inc.<br>810 Progress Blvd.<br>P.O. Box 1147<br>New Albany, IN 47150-2257 |
| 55680 | Nichicon (America) Corp.<br>927 E. State Parkway<br>Schaumburg, IL 60195-4526 |
| 56289 | Sprague Electric Co.<br>World Headquarters<br>61 Spit Brook Rd., Suite 305<br>Nashua, NH 03060 |
| 56699 | Philips Components<br>Discrete Products Div.<br>6071 St. Andrews Rd.<br>Columbia, SC 29212-3198 |

## MANUFACTURER IDENTIFICATION

57137 Trim-Lok, Inc.
7220 E. Compton Blvd.
Paramount, CA 90723-3908

57921 Bourns, Inc.
Precision/Controls Div.
1200 Columbia Ave.
Riverside, CA 92507-2114

59124 KOA Speer Electronics, Inc.
Bolivar Dr.
P.O. Box 547
Bradford, PA 16701

59756 Siemens Corp.
OEM Div.
240 E. Palais Rd.
Anahiem, CA 92805-6238

59993 International Rectifier
Semiconductor Div.
233 Kansas St.
El Segundo, CA 90245-4316

6X403 SGS-Ates Semiconductor Corp.
2346 S. Lynhurst Dr.
Suite E-07
Indianapolis, IN 46241-5176

61162 JFW Industries, Inc.
5134 Commerce Square Dr.
Indianapolis, IN 46237-9737

61271 Fujitsu Microelectronics, Inc.
3545 N. 1st. St., Bldg. 1
San Jose, CA 95134-1804

61857 San-O Industrial Corp.
85 Orville Dr.
P.O. Box 511
Bohemia, NY 11716-2501

61964 Omron Electronics Inc.
1 E Commerce
Schaumburg, IL 60173

62012 Instrument Enclosures Inc.
9767 Glenoaks Blvd.
Sun Valley, CA 91352-1029

62132 Manhattan Electric Cable Corp.
400 Willow St.
P.O. Box 756
Bridgeton, NJ 08302

62483 Densitron Development Inc.
2540 W. 237th St.
Torrance, CA 905050

62839 Comlinear Corp.
4800 Wheaton Dr.
Fort Collins, CO 80525

64639 Rosenberger/Micro-Coax Components, Inc.
245 W. 5th. Ave. Trappe
P.O. Box E
Collegeville, PA 19426-2549

65786 Cypress Semiconductor
3901 N. First St.
San Jose, CA 95134-1506

66579 Waferscale Intergration Inc.
47280 Kato Rd.
Fremont, CA 94538-7333

68994 Xilinx Inc.
2100 Logic Dr.
San Jose, CA 95124

7U050 Intel Corp.
Federal Sales Region
10010 Junction Dr.
Suite 200
Annapolis Junction, MD 20701

71124 Brand-Rex Co.
1600 W. Main St.
Route 32
P.O. Box 498
Willimantic, CT 06226

71400 Bussmann
Div. of Cooper Ind., Inc.
114 Old State Rd.
P.O. Box 14460
St. Louis, MO 63178

71643 CHR Industries
An Armco Co.
407 East St.
New Haven, CT 06509

72653 GC Electronics Co.
Sub of Household Int'1. Corp.
P.O. Box 1209
1801 Morgan St.
Rockford, IL 61105-1209

72982 Erie Specialty Products, Inc.
645 W. 11th St.
Erie, PA 16512

73920 Kerrigan Lewis Mfg. Co.
4421 W. Rice St.
Chicago, IL 60651-3457

## MANUFACTURER IDENTIFICATION

75037 Minnesota Mining and Mfg. Co.
Electrical Product Div.
P.O. Box 2963
3M Austin Center
Austin, TX 78769-2963

75543 Lavella Industries Inc.
424 N. Wood
Chicago, IL 60622-6260

75915 Littlefuse Tracor, Inc.
Sub of Tracor, Inc.
800 East N.W. Hwy.
Des Plains, IL 60016-3049

76385 Minor Rubber Co., Inc.
49 Ackerman St.
Bloomfield, NJ 07003-4201

79963 Zierick Mfg. Co.
Radio Circle
Mt. Kisco, NY 10549

8B858 All Metal Screw Products
519 W. Wrightwood Ave.
Elmhurst, IL 60126

80205 National Aerospace Standards
Committee
Aerospace Industries Assoc.
of America Inc.
1250 Eye St., NW
Washington, DC 20005

81312 Winchester Electronics
Litton Systems Inc.
400 Park Rd.
Watertown, CT 06795-1612

81349 Military Specifications
Promulgated by Military Dept./Agencies
Under Authority of Defense
Standardization Manual 4120 3M

82110 Gudebrod, Inc.
Griffith Towers
P.O. Box 357
Pottstown, PA 19464-5568

82389 Switchcraft, Inc.
Sub. of Raytheon Co.
5555 N. Elstron Ave.
Chicago, IL 60630-1314

83330 Dialight Corp.
Manasquan Div.
1913 Atlantic Ave.
Manasquan, NJ 08736-1005

83701 Electronic Devices, Inc.
21 Grey Oaks Ave.
Yonkers, NY 10710-3205

91637 Dale Electronics, Inc.
1122 23rd. St.
P.O. Box 609
Columbus, NE 68601-3632

92194 Alpha Wire Corp.
711 Lidgerwood Ave.
Elizabeth, NJ 07207

92218 The Wakefield Corp.
29 Foundry St.
Wakefield, MA 01880-3206

92219 Waldom Electronics, Inc.
4301 W. 69th St.
Chicago, IL 60629-5719

94222 Southco, Inc.
210 N. Brinton Lake Rd.
Concordville, PA 19331

95146 ALCO Electronic Products, Inc.
1551 Osgood St.
North Andover, MA 01845-1014

95275 Vitramon Inc.
P.O. Box 544
Bridgeport, CT 06601-0544

95354 Methode Electronics, Inc
1700 S. Hicks Rd.
Rolling Meadows, IL 60008-1229

96906 Military Standards
Promulgated by Military Departments
Under Authority of Defense
Standardization Manual 4120 3-M

98003 Nielson Hardware Corp.
770 Wethersfield Ave.
P.O. Box 568
Hartford, CT 06141

98291 ITT Sealectro
585 E. Main St.
New Britain Ct. 06051

98668 Amphenol Corp.
Sub. of Allied Corp.,
York Opns.
1600 Pennsylvania Ave
York, PA 17404

99800 American Precision Ind., Inc.
Delevan Division
270 Quaker Rd.
East Aurora, NY 14052-2114

# 4-2 PARTS LISTING

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|---|---|---|---|---|---|
| 1 - 1 | | | BULK ITEMS LISTING | | REF |
| - 2 | | RTV128 | SILICONE, RTV; (V03508), 1050-0000-013 | | A/R |
| - 3 | | 120-5 | COMPOUND, THERMAL; (V92218), 1050-0000-019 | | A/R |
| - 4 | | 1300 | ADHESIVE, RUBBER; (V34359), 1050-0000-020 | | A/R |
| - 5 | | 10-3702 | Q-DOPE; (V72653), 1050-0000-021 | | A/R |
| - 6 | | 222-21 | ADHESIVE, LOC-TITE 222; (V05972), 1050-0000-047 | | A/R |
| - 7 | | 350FASTDRYING | PAINT, CONDUCTIVE SILVER; (V27908), 1050-0000-048 | | A/R |
| - 8 | | 8013 | WIRE, BUS 16 GA; (V70903), 1050-0000-070 | | A/R |
| - 9 | | 8019 | WIRE, BUS 18 GA; (V70903), 1050-0000-071 | | A/R |
| - 10 | | 8020 | WIRE, BUS 20 GA; (V70903), 1050-0000-072 | | A/R |
| - 11 | | 298 | WIRE, BUS 22 GA; (V92194), 1050-0000-073 | | A/R |
| - 12 | | 299 | WIRE, BUS 24 GA; (V92194), 1050-0000-074 | | A/R |
| - 13 | | 299-1 | WIRE, BUS 26 GA; (V92194), 1050-0000-075 | | A/R |
| - 14 | | 8024 | WIRE, BUS 28 GA; (V70903), 1050-0000-076 | | A/R |
| - 15 | | 410 | TAPE, DBL SIDED; (V34359), 1050-0000-091 | | A/R |
| - 16 | | GUDELACE18NATURAL | CORD, LACING #3 NYLON; (V82110), 1050-0000-114 | | A/R |
| - 17 | | 10-8665 | ACRYLIC SPRAY; (V72653), 1050-0000-134 | | A/R |
| - 18 | | 465-51 | ADHESIVE, LOC-TITE QUICK-SET 404; (V05972), 1050-0000-140 | | A/R |
| - 19 | | 4432 | TAPE, VINYL FOAM 3/4, DBL SIDED; (V34359), 1050-0000-170 | | A/R |
| - 20 | | 431 | TAPE, ALUMINUM 3/4; (V34359), 1050-0000-208 | | A/R |
| - 21 | | 1050-0000-226 | BEAD, GLASS | | A/R |
| - 22 | | 4516 | TAPE, VINYL FOAM 3/4 SGL SIDED; (V34359), 1050-5003-100 | | A/R |
| - 23 | | 12292TAKPAK | ADHESIVE, LOC-TITE TAK-PAK; (V05972), 1051-0100-100 | | A/R |
| - 24 | | 290-21 | ADHESIVE, LOC-TITE; (V05972), 1051-0100-200 | | A/R |
| - 25 | | 425-12 | TAPE, ALUMINUM 1/2; (V34359), 1051-5000-500 | | A/R |
| - 26 | | 27 | TAPE, GLASS CLOTH; (V34359), 1051-5002-100 | | A/R |
| - 27 | | M54 | TAPE, MYLAR 1/4; (VUNK040), 1051-5201-025 | | A/R |
| - 28 | | 62-332B7 | TRIM, RUBBER BLK; (V57137), 2400-0000-002 | | A/R |
| - 29 | | 299-3 | WIRE, BUS 30 GA; (V92194), 6000-0001-000 | | A/R |
| - 30 | | M430-3 | WIRE, WRAP 30 GA, RED; (V62132), 6000-0002-000 | | A/R |
| - 31 | | 8055 | WIRE, MAGNET 30 GA, ENAM CTD; (V70903), 6000-0003-000 | | A/R |
| - 32 | | 8053 | WIRE, MAGNET 26 GA, ENAM CTD; (V70903), 6000-0003-001 | | A/R |
| - 33 | | 12GABC | WIRE, SOLID 12 GA; (V00795), 6000-5010-120 | | A/R |
| - 34 | | 8049 | WIRE, MAGNET 18 GA, ENAM CTD; (V70903), 6000-6010-180 | | A/R |
| - 35 | | 8051 | WIRE, MAGNET 22 GA, ENAM CTD; (V70903), 6000-6010-220 | | A/R |
| - 36 | | 8054 | WIRE, MAGNET 28 GA, ENAM CTD; (V70903), 6000-6010-280 | | A/R |
| - 37 | | 8056 | WIRE, MAGNET 32 GA, ENAM CTD; (V70903), 6000-6010-320 | | A/R |
| - 38 | | 8045 | WIRE, MAGNET 38 GA, ENAM CTD; (V70903), 6000-6010-380 | | A/R |
| - 39 | | 8048 | WIRE, MAGNET 16 GA, ENAM CTD; (V70903), 6000-6050-160 | | A/R |
| - 40 | | 8050 | WIRE, MAGNET 20 GA, ENAM CTD; (V70903), 6000-6050-200 | | A/R |
| - 41 | | 8051 | WIRE, MAGNET 22 GA, ENAM CTD; (V70903), 6000-6050-220 | | A/R |
| - 42 | | 8053 | WIRE, MAGNET 26 GA, ENAM CTD; (V70903), 6000-6050-260 | | A/R |

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| 1 - 43 | | 34HPNBF | WIRE, 2S MAGNET | 34 GA, RED/GRN; (V73920), 6000-6990-340 | | A/R |
| - 44 | | TFE18GA7SBLK | WIRE, 7S | 18 GA, BLK; (V12515), 6001-0000-001 | | A/R |
| - 45 | | TFE18GA7SBRN | WIRE, 7S | 18 GA, BRN; (V12515), 6001-0000-002 | | A/R |
| - 46 | | TFE18GA7SRED | WIRE, 7S | 18 GA, RED; (V12515), 6001-0000-003 | | A/R |
| - 47 | | TFE18GA7SORN | WIRE, 7S | 18 GA, ORN; (V12515), 6001-0000-004 | | A/R |
| - 48 | | TFE18GA7SYEL | WIRE, 7S | 18 GA, YEL; (V12515), 6001-0000-005 | | A/R |
| - 49 | | TFE18GA7SGRN | WIRE, 7S | 18 GA, GRN; (V12515), 6001-0000-006 | | A/R |
| - 50 | | TFE18GA7SBLU | WIRE, 7S | 18 GA, BLU; (V12515), 6001-0000-007 | | A/R |
| - 51 | | TFE18GA7SVIO | WIRE, 7S | 18 GA, VIO; (V12515), 6001-0000-008 | | A/R |
| - 52 | | TFE18GA7SWHT BLK | WIRE, 7S | 18 GA, WHT/BLK; (V12515), 6001-0000-011 | | A/R |
| - 53 | | TFE18GA7SWHT RED | WIRE, 7S | 18 GA, WHT/RED; (V12515), 6001-0000-013 | | A/R |
| - 54 | | TFE18GA7SWHT GRN | WIRE, 7S | 18 GA, WHT/GRN; (V12515), 6001-0000-016 | | A/R |
| - 55 | | 5859 | WIRE, 19S | 14 GA, BLK; (V92194), 6001-2000-001 | | A/R |
| - 56 | | TFE20GA7SBLK | WIRE, 7S | 20 GA, BLK; (V12515), 6001-5000-001 | | A/R |
| - 57 | | TFE20GA7SRED | WIRE, 7S | 20 GA, RED; (V12515), 6001-5000-003 | | A/R |
| - 58 | | TFE20GA7SORN | WIRE, 7S | 20 GA, ORN; (V12515), 6001-5000-004 | | A/R |
| - 59 | | TFE20GA7SYEL | WIRE, 7S | 20 GA, YEL; (V12515), 6001-5000-005 | | A/R |
| - 60 | | TFE20GA7SGRN | WIRE, 7S | 20 GA, GRN; (V12515), 6001-5000-006 | | A/R |
| - 61 | | TFE20GA7SBLU | WIRE, 7S | 20 GA, BLU; (V12515), 6001-5000-007 | | A/R |
| - 62 | | TFE20GA7SVIO | WIRE, 7S | 20 GA, VIO; (V12515), 6001-5000-008 | | A/R |
| - 63 | | TFE20GA7SGRY | WIRE, 7S | 20 GA, GRY; (V12515), 6001-5000-009 | | A/R |
| - 64 | | TFE20GA7SWHT | WIRE, 7S | 20 GA, WHT; (V12515), 6001-5000-010 | | A/R |
| - 65 | | TFE22GA7SBLK | WIRE, 7S | 22 GA, BLK; (V12515), 6002-0000-001 | | A/R |
| - 66 | | TFE22GA7SBRN | WIRE, 7S | 22 GA, BRN; (V12515), 6002-0000-002 | | A/R |
| - 67 | | TFE22GA7SRED | WIRE, 7S | 22 GA, RED; (V12515), 6002-0000-003 | | A/R |
| - 68 | | TFE22GA7SORN | WIRE, 7S | 22 GA, ORN; (V12515), 6002-0000-004 | | A/R |
| - 69 | | TFE22GA7SYEL | WIRE, 7S | 22 GA, YEL; (V12515), 6002-0000-005 | | A/R |
| - 70 | | TFE22GA7SGRN | WIRE, 7S | 22 GA, GRN; (V12515), 6002-0000-006 | | A/R |
| - 71 | | TFE22GA7SBLU | WIRE, 7S | 22 GA, BLU; (V12515), 6002-0000-007 | | A/R |
| - 72 | | TFE22GA7SVIO | WIRE, 7S | 22 GA, VIO; (V12515), 6002-0000-008 | | A/R |
| - 73 | | TFE22GA7SGRY | WIRE, 7S | 22 GA, GRY; (V12515), 6002-0000-009 | | A/R |
| - 74 | | TFE22GA7SWHT | WIRE, 7S | 22 GA, WHT; (V12515), 6002-0000-010 | | A/R |
| - 75 | | TFE22GA7SWHT BLK | WIRE, 7S | 22 GA, WHT/BLK; (V12515), 6002-0000-011 | | A/R |
| - 76 | | TFE22GA7SWHT BRN | WIRE, 7S | 22 GA, WHT/BRN; (V12515), 6002-0000-012 | | A/R |
| - 77 | | TFE22GA7SWHT RED | WIRE, 7S | 22 GA, WHT/RED; (V12515), 6002-0000-013 | | A/R |
| - 78 | | TFE22GA7SWHT ORN | WIRE, 7S | 22 GA, WHT/ORN; (V12515), 6002-0000-014 | | A/R |
| - 79 | | TFE22GA7SWHT YEL | WIRE, 7S | 22 GA, WHT/YEL; (V12515), 6002-0000-015 | | A/R |
| - 80 | | TFE22GA7SWHT GRN | WIRE, 7S | 22 GA, WHT/GRN; (V12515), 6002-0000-016 | | A/R |
| - 81 | | TFE22GA7SWHT BLU | WIRE, 7S | 22 GA, WHT/BLU; (V12515), 6002-0000-017 | | A/R |
| - 82 | | TFE22GA7SWHT VIO | WIRE, 7S | 22 GA, WHT/VIO; (V12515), 6002-0000-018 | | A/R |
| - 83 | | TFE22GA7SWHT GRY | WIRE, 7S | 22 GA, WHT/GRY; (V12515), 6002-0000-019 | | A/R |
| - 84 | | TFE26GA7SBLK | WIRE, 7S | 26 GA, BLK; (V12515), 6003-0000-001 | | A/R |
| - 85 | | TFE26GA7SBRN | WIRE, 7S | 26 GA, BRN; (V12515), 6003-0000-002 | | A/R |
| - 86 | | TFE26GA7SRED | WIRE, 7S | 26 GA, RED; (V12515), 6003-0000-003 | | A/R |
| - 87 | | TFE26GA7SORN | WIRE, 7S | 26 GA, ORN; (V12515), 6003-0000-004 | | A/R |
| - 88 | | TFE26GA7SYEL | WIRE, 7S | 26 GA, YEL; (V12515), 6003-0000-005 | | A/R |

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| - 90 | | TFE26GA7SBLU | WIRE, 7S | 26 GA, BLU; (V12515), 6003-0000-007 | | A/R |
| - 91 | | TFE26GA7SVIO | WIRE, 7S | 26 GA, VIO; (V12515), 6003-0000-008 | | A/R |
| - 92 | | TFE26GA7SGRY | WIRE, 7S | 26 GA, GRY; (V12515), 6003-0000-009 | | A/R |
| - 93 | | TFE26GA7SWHT | WIRE, 7S | 26 GA, WHT; (V12515), 6003-0000-010 | | A/R |
| - 94 | | TFE26GA7SWHT BLK | WIRE, 7S | 26 GA, WHT/BLK; (V12515), 6003-0000-011 | | A/R |
| - 95 | | TFE26GA7SWHT BRN | WIRE, 7S | 26 GA, WHT/BRN; (V12515), 6003-0000-012 | | A/R |
| - 96 | | TFE26GA7SWHT RED | WIRE, 7S | 26 GA, WHT/RED; (V12515), 6003-0000-013 | | A/R |
| - 97 | | TFE26GA7SWHT ORN | WIRE, 7S | 26 GA, WHT/ORN; (V12515), 6003-0000-014 | | A/R |
| - 98 | | TFE26GA7SWHT YEL | WIRE, 7S | 26 GA, WHT/YEL; (V12515), 6003-0000-015 | | A/R |
| - 99 | | TFE26GA7SWHT GRN | WIRE, 7S | 26 GA, WHT/GRN; (V12515), 6003-0000-016 | | A/R |
| -100 | | TFE26GA7SWHT BLU | WIRE, 7S | 26 GA, WHT/BLU; (V12515), 6003-0000-017 | | A/R |
| -101 | | TFE26GA7SWHT VIO | WIRE, 7S | 26 GA, WHT/VIO; (V12515), 6003-0000-018 | | A/R |
| -102 | | TFE26GA7SWHT GRY | WIRE, 7S | 26 GA, WHT/GRY; (V12515), 6003-0000-019 | | A/R |
| -103 | | 30TE130BLK | WIRE, SOLID | 30 GA, BLK; (V5R599), 6003-0001-000 | | A/R |
| -104 | | 30TE130BRN | WIRE, SOLID | 30 GA, BRN; (V5R599), 6003-0001-001 | | A/R |
| -105 | | 30TE130RED | WIRE, SOLID | 30 GA, RED; (V5R599), 6003-0001-002 | | A/R |
| -106 | | 30TE130ORN | WIRE, SOLID | 30 GA, ORN; (V5R599), 6003-0001-003 | | A/R |
| -107 | | 30TE130YEL | WIRE, SOLID | 30 GA, YEL; (V5R599), 6003-0001-004 | | A/R |
| -108 | | 30TE130GRN | WIRE, SOLID | 30 GA, GRN; (V5R599), 6003-0001-005 | | A/R |
| -109 | | 30TE130BLU | WIRE, SOLID | 30 GA, BLU; (V5R599), 6003-0001-006 | | A/R |
| -110 | | 30TE130VIO | WIRE, SOLID | 30 GA, VIO; (V5R599), 6003-0001-007 | | A/R |
| -111 | | 30TE130GRY | WIRE, SOLID | 30 GA, GRY; (V5R599), 6003-0001-008 | | A/R |
| -112 | | 30TE130WHT | WIRE, SOLID | 30 GA, WHT; (V5R599), 6003-0001-009 | | A/R |
| -113 | | T18R | TY-RAP | 4.0; (V53421), 6004-6005-400 | | A/R |
| -114 | | T18I | TY-RAP | 5.5; (V53421), 6004-6005-550 | | A/R |
| -115 | | FSN21A180 | FLEXSTRIP | 180 CNDCT, 1; (V15912), 6009-0001-000 | | A/R |
| -116 | | FSN22A180 | FLEXSTRIP | 180 CNDCT, 2; (V15912), 6009-0002-000 | | A/R |
| -117 | | FIT221-116BLK | TUBING, HS | 1/16, BLK; (V92194), 6010-0063-200 | | A/R |
| -118 | | FIT221-332BLK | TUBING, HS | 3/32, BLK; (V92194), 6010-0094-200 | | A/R |
| -119 | | FIT221-18CLR | TUBING, HS | 1/8, CLR; (V92194), 6010-0125-100 | | A/R |
| -120 | | FIT221-18BLK | TUBING, HS | 1/8, BLK; (V92194), 6010-0125-200 | | A/R |
| -121 | | FIT221-316CLR | TUBING, HS | 3/16, CLR; (V92194), 6010-0188-100 | | A/R |
| -122 | | FIT221-316BLK | TUBING, HS | 3/16, BLK; (V92194), 6010-0188-200 | | A/R |
| -123 | | FIT221-14BLK | TUBING, HS | 1/4, BLK; (V92194), 6010-0250-200 | | A/R |
| -124 | | FIT221-38BLK | TUBING, HS | 3/8, BLK; (V92194), 6010-0375-200 | | A/R |
| -125 | | RNF100-38M63 | TUBING, HS | 3/8, WHT; (V06090), 6010-0375-300 | | A/R |
| -126 | | FIT221-12CLR | TUBING, HS | 1/2, CLR; (V92194), 6010-0500-100 | | A/R |
| -127 | | RNF100TYPE2CLR | TUBING, HS | 3/4, CLR; (V06090), 6010-0750-100 | | A/R |
| -128 | | RNF100-34M63 | TUBING, HS | 3/4, BLK; (V06090), 6010-0750-200 | | A/R |
| -129 | | FIT221-3 | TUBING, HS | 3, WHT; (V92194), 6010-3000-300 | | A/R |
| -130 | | 26TFETWNAT | TUBING, TFL | 26 GA, NAT; (V32039), 6011-0018-001 | | A/R |
| -131 | | 24TFETWNAT | TUBING, TFL | 24 GA, NAT; (V32039), 6011-0022-001 | | A/R |
| -132 | | 22TFETWNAT | TUBING, TFL | 22 GA, NAT; (V32039), 6011-0027-001 | | A/R |
| -133 | | 20TFETWNAT | TUBING, TFL | 20 GA, NAT; (V32039), 6011-0034-000 | | A/R |
| -134 | | 18TFETWNAT | TUBING, TFL | 18 GA, NAT; (V32039), 6011-0042-000 | | A/R |
| -135 | | 16TFETWNAT | TUBING, TFL | 16 GA, NAT; (V32039), 6011-0053-001 | | A/R |
| -136 | | 12TFETWNAT | TUBING, TFL | 12 GA, NAT; (V32039), 6011-0085-000 | | A/R |
| -137 | | 10TFETWNAT | TUBING, TFL | 10 GA, NAT; (V32039), 6011-0106-001 | | A/R |

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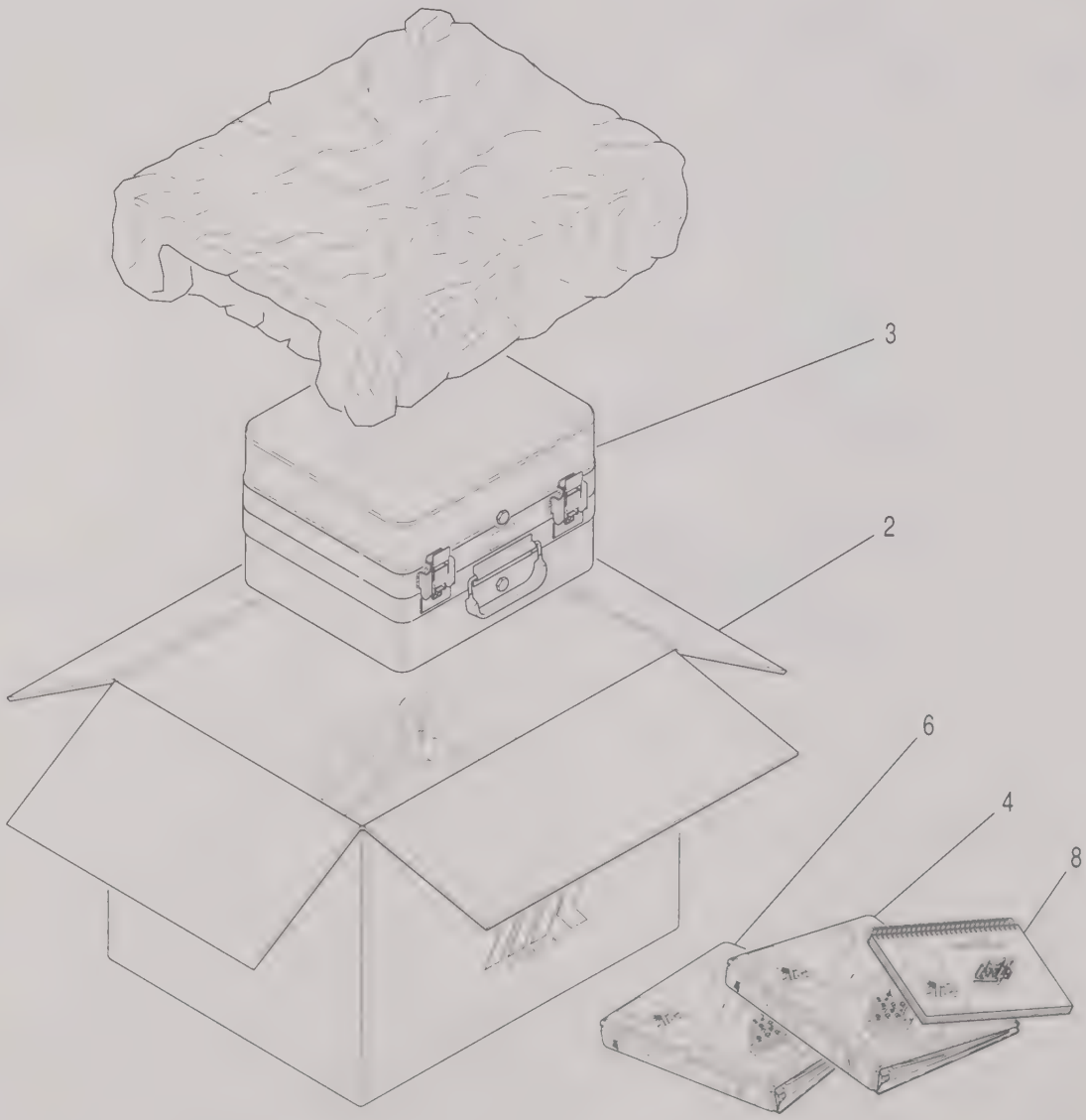
| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 1 -138 | | PVC105-20CLR | TUBING, PVC | 20 GA, CLR; (V92194), 6012-0034-100 | | A/R |
| -139 | | PVC105-16CLR | TUBING, PVC | 16 GA, CLR; (V92194), 6012-0053-100 | | A/R |
| -140 | | PVC105-13CLR | TUBING, PVC | 13 GA, CLR; (V92194), 6012-0076-100 | | A/R |
| -141 | | PVC105-12CLR | TUBING, PVC | 12 GA, CLR; (V92194), 6012-0085-100 | | A/R |
| -142 | | PVC105-12BLK | TUBING, PVC | 12 GA, BLK; (V92194), 6012-0085-200 | | A/R |
| -143 | | PVC105-10CLR | TUBING, PVC | 10 GA, CLR; (V92194), 6012-0106-100 | | A/R |
| -144 | | PVC105-10BLK | TUBING, PVC | 10 GA, BLK; (V92194), 6012-0106-200 | | A/R |
| -145 | | PVC105-6CLR | TUBING, PVC | 6 GA, CLR; (V92194), 6012-0166-100 | | A/R |
| -146 | | PVC105-5CLR | TUBING, PVC | 5 GA, CLR; (V92194), 6012-0186-100 | | A/R |
| -147 | | PVC80-5NAT | TUBING, PVC | 5 GA, NAT; (V92194), 6012-0186-110 | | A/R |
| -148 | | PVC80-4NAT | TUBING, PVC | 4 GA, NAT; (V92194), 6012-0208-110 | | A/R |
| -149 | | PVC105-516CLR | TUBING, PVC | 5/16, CLR; (V92194), 6012-0313-100 | | A/R |
| -150 | | PVC80-516CLR | TUBING, PVC | 5/16, NAT; (V92194), 6012-0313-110 | | A/R |
| -151 | | PVC105-38CLR | TUBING, PVC | 3/8, CLR; (V92194), 6012-0375-100 | | A/R |
| -152 | | PIF130-2BLK | TUBING, PIF | 2 GA, BLK; (V92194), 6013-0263-000 | | A/R |
| -153 | | PIF130-38BLK | TUBING, PIF | 3/8, BLK; (V92194), 6013-0375-000 | | A/R |
| -154 | | PIF130-716BLK | TUBING, PIF | 7/16, BLK; (V92194), 6013-0438-000 | | A/R |
| -155 | | PIF130-12BLK | TUBING, PIF | 1/2, BLK; (V92194), 6013-0500-000 | | A/R |
| -156 | | PIF130-78BLK | TUBING, PIF | 7/8, BLK; (V92194), 6013-0875-000 | | A/R |
| -157 | | PIF130-1BLK | TUBING, PIF | 1, BLK; (V92194), 6013-1000-000 | | A/R |
| -158 | | SIF200-12 | TUBING, SIF | 1/2, WHT; (V07547), 6014-0500-100 | | A/R |
| -159 | | ZIZ0375SHN3B38 | TUBING, VIN | 3/8, BLK; (V07240), 6015-0375-000 | | A/R |
| -160 | | VIN66AS12BLK | TUBING, VIN | 1/2, BLK; (V07240), 6015-0500-000 | | A/R |
| -161 | | VIN66AS15FLA TBLK | TUBING, VIN | 1.5 FLAT, BLK; (V07240), 6015-1500-600 | | A/R |
| -162 | | PVC105-175FL ATBLK | TUBING, PVC | 1.75 FLAT, BLK; (V07240), 6016-1750-040 | | A/R |
| -163 | | 8660 | SHIELD, CABLE | 1/8; (V70903), 6040-0000-002 | | A/R |
| -164 | | 20-21110 | CORD, SHIELD | ALUMINUM MESH; (V53217), 6040-0010-012 | | A/R |
| -165 | | 3583-20 | CABLE, RIBBON | 20 CNDCT, 28 GA; (V92194), 6040-0100-020 | | A/R |
| -166 | | 3583-24 | CABLE, RIBBON | 24 CNDCT, 28 GA; (V92194), 6040-0100-024 | | A/R |
| -167 | | 3583-25 | CABLE, RIBBON | 25 CNDCT, 28 GA; (V92194), 6040-0100-025 | | A/R |
| -168 | | 55-2628-11 | CABLE, RIBBON | 26 CNDCT, 28 GA; (V88245), 6040-0100-026 | | A/R |
| -169 | | 3302-34 | CABLE, RIBBON | 34 CNDCT, 28 GA; (V75037), 6040-0100-034 | | A/R |
| -170 | | 3581-37 | CABLE, RIBBON | 37 CNDCT, 28 GA; (V92194), 6040-0100-037 | | A/R |
| -171 | | 3581-40 | CABLE, RIBBON | 40 CNDCT, 28 GA; (V92194), 6040-0100-040 | | A/R |
| -172 | | 3583-50 | CABLE, RIBBON | 50 CNDCT, 28 GA; (V92194), 6040-0100-050 | | A/R |
| -173 | | 3304-60 | CABLE, RIBBON | 60 CNDCT, 28 GA; (V75037), 6040-0100-060 | | A/R |
| -174 | | 3811-20 | CABLE, RIBBON | 20 CNDCT, 26 GA; (V75037), 6040-0101-020 | | A/R |
| -175 | | 171-25 | CABLE, RIBBON | 25 CNDCT, 28 GA; (V15912), 6040-0101-025 | | A/R |
| -176 | | 3811-10 | CABLE, RIBBON | 10 CNDCT, 26 GA; (V75037), 6040-0102-010 | | A/R |
| -177 | | 3391-8 | CABLE, RIBBON | 8 CNDCT, 22 GA; (V75037), 6040-0300-008 | | A/R |
| -178 | | 8132-12 | CABLE, RIBBON | 12 CNDCT, 18 GA; (V75037), 6040-0300-012 | | A/R |

CONTINUED ON NEXT PAGE

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 1 -179 | | 15-12437 | | CABLE, TRIAX FLEX; (V12515), 6040-4049-000 | | A/R |
| -180 | | RG58AU | | CABLE, TRIAX FLEX, RG-58A/U; (V28105), 6040-4058-001 | | A/R |
| -181 | | RG142BU | | CABLE, COAX FLEX, RG-142B/U; (V28105), 6040-4142-200 | | A/R |
| -182 | | RG223U | | CABLE, COAX FLEX, RG-223/U; (V92194), 6040-4223-000 | | A/R |
| -183 | | 6632 | | CABLE, SHIELDED 2 CNDCT, 22 GA; (V92194), 6040-7050-420 | | A/R |
| -184 | | 7632A | | CABLE, SHIELDED 2 CNDCT, 22 GA; (V92194), 6040-7050-421 | | A/R |
| -185 | | 7633 | | CABLE, SHIELDED 3 CNDCT, 22 GA; (V92194), 6040-7050-431 | | A/R |
| -186 | | 8777 | | CABLE, SHIELDED & TWISTED 3 CNDCT, 22 GA; (V70903), 6040-7050-440 | | A/R |
| -187 | | 7621WHT | | CABLE, SHIELDED 1 CNDCT, 24 GA; (V92194), 6040-7051-501 | | A/R |
| -188 | | 5100-10 | | CABLE, SHIELDED 10 CNDCT, 24 GA; (V92194), 6040-7160-510 | | A/R |
| -189 | | 2831 | | CABLE, SHIELDED 1 CONDCT, 24 GA; (V92194), 6040-7725-501 | | A/R |
| -190 | | 8411 | | CABLE, SHIELDED 1 CNDCT, 25 GA; (V70903), 6040-9010-601 | | A/R |
| -191 | | RG58AU | | CABLE, COAX FLEX; (V12515), 6042-0000-002 | | A/R |
| -192 | | 3583-16 | | CABLE, RIBBON 16 CNDCT, 28 GA; (V92194), 6042-0000-004 | | A/R |
| -193 | | RG178BU | | CABLE, COAX FLEX; (V5R599), 6042-0000-005 | | A/R |
| -194 | | RG316U | | CABLE, COAX FLEX, RG-316/U; (V12515), 6042-0000-007 | | A/R |
| -195 | | UT85 | | CABLE, COAX SEMI-RIGID; (V64639), 6042-0000-008 | | A/R |
| -196 | | 005BRASSSHIM | | SHIM, BRASS; (V14882), 8020-0000-602 | | A/R |

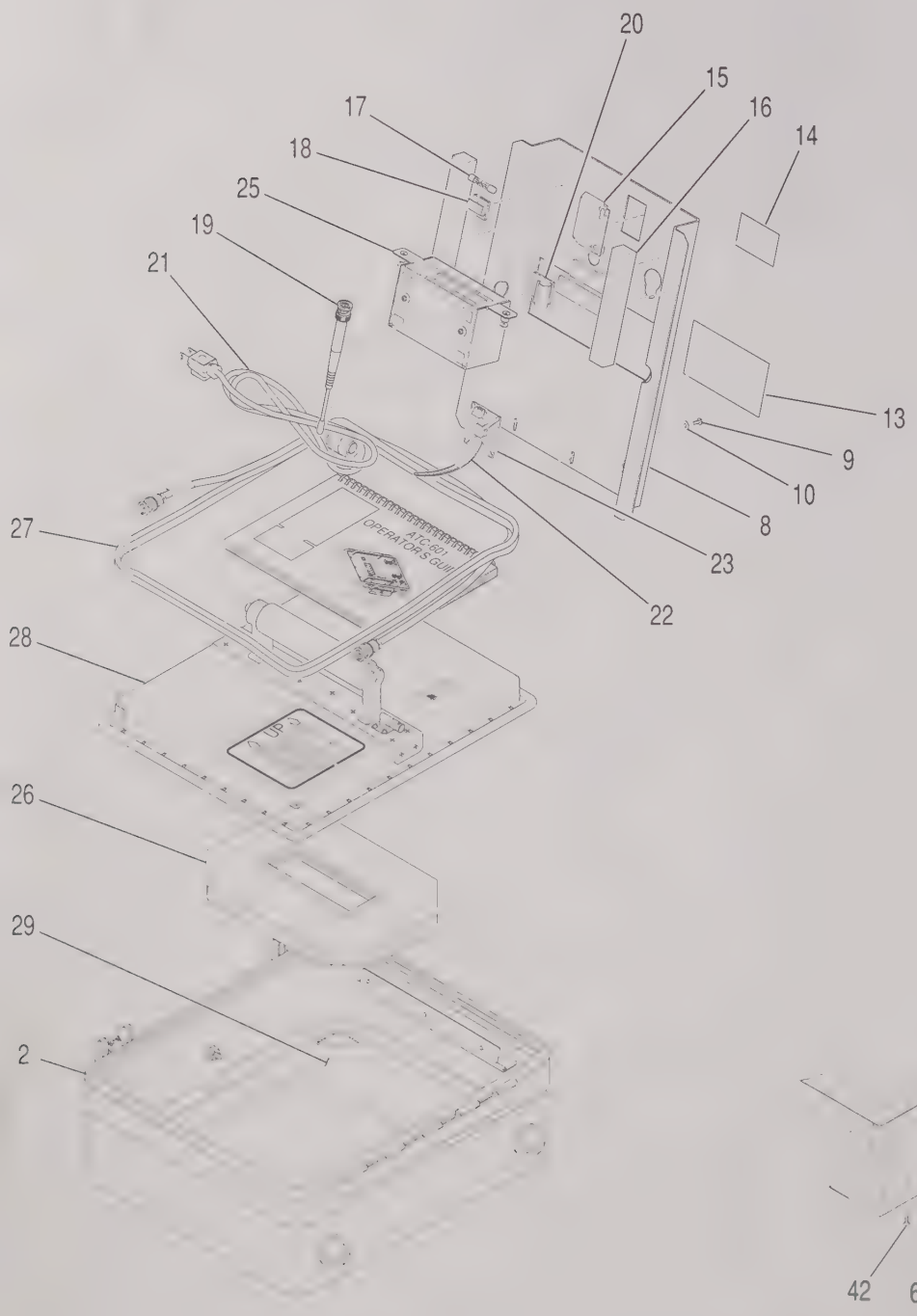
NOTE: THIS LISTING IS COMPILED TO PROVIDE
PART NUMBERS OF COMMONLY USED BULK ITEMS.
THIS FIGURE IS NOT ILLUSTRATED.
ITEM NUMBERS ARE PROVIDED FOR LOCATION
OF LINE ON WHICH THE PART NUMBER APPEARS.



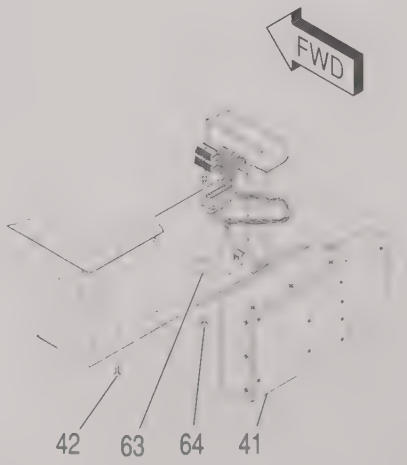

SHIPPING KIT
FIGURE 2

# ILLUSTRATED PARTS LIST

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 2 - 1 | | | SHIPPING KIT | | REF |
| 2 | | 1000-1000-601 | CARTON, SHIPPING W/FOAM PADS | | 1 |
| 3 | | | COMPOSITE ASSEMBLY SEE FIG 3 | | 1 |
| 4 | | 1003-0001-000 | BINDER 1 IN | | 2 |
| - 5 | | 1002-8101-200 | MANUAL, OPERATION ATC-601 | | 1 |
| 6 | | 1003-0001-000 | BINDER 1 IN | | 1 |
| - 7 | | 1002-8101-500 | MANUAL, ILLUSTRATED PARTS LIST ATC-601 | | 1 |
| 8 | | 1002-8101-100 | GUIDE, OPERATORS ATC-601 | | 1 |
| - 9 | | 1002-8101-400 | MANUAL, MAINTENANCE ATC-601 | | 1 |
| - 10 | | 1003-0001-500 | BINDER 1.5 IN | | 1 |
| - 11 | | VE3C | TRIPOD; (VUNK056), 1005-0000-001 | | 1 |




DETAIL **A**




DETAIL **B**

COMPOSITE ASSEMBLY
FIGURE 3

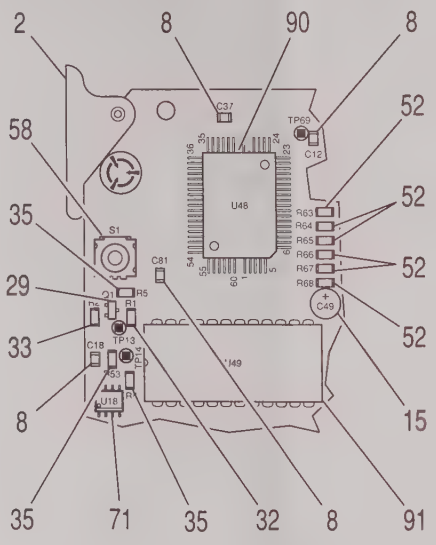
| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 3 - 1 | | | COMPOSITE ASSEMBLY SEE FIG 2 FOR NHA | | N/P |
| 2 | | 7005-8141-500 | CASE ASSEMBLY | | 1 |
| 3 | | 1063 | VALVE, RELIEF; (V62012), 6200-0000-001 | | 2 |
| 4 | | 718R | FOOT, RUBBER; (V75543), 1421-8750-625 | | 4 |
| - 5 | | MS51957-29 | SCREW 6-32 X 7/16 PPHM; (V96906), 2804-0438-006 | | 4 |
| - 6 | | 5371BA | HANDLE, CARRYING; (V98003), 1407-7450-300 | | 1 |
| 7 | | 2525-7451-700 | GASKET, EMI/RFI | | 1 |
| 8 | | 1414-8152-900 | COVER, ACCESSORY STORAGE | | 1 |
| | | | ATTACHING PARTS | | |
| 9 | | MS51957-26 | SCREW 6-32 X 1/4 PPHM; (V96906), 2804-0250-006 | | 3 |
| 10 | | AN960C6 | WASHER, FLAT #6; (V96906), 2840-0000-024 | | 3 |
| | | | ---*--- | | |
| - 11 | | ZB1105MI | FOOT, RUBBER; (V76385), 1421-0003-781 | | 2 |
| | | | ATTACHING PARTS | | |
| - 12 | | MS51957-15 | SCREW 4-40 X 3/8 PPHM; (V96906), 2803-0375-006 | | 1 |
| | | | ---*--- | | |
| 13 | | 2400-8156-300 | DECAL WARNING | | 1 |
| 14 | | 2400-2386-300 | LABEL, IDENT | | 1 |
| 15 | | A340-625-12 | LATCH, SLIDE; (V94222), 2850-0000-109 | | 1 |
| 16 | | 2517-8155-100 | PAD, RUBBER ADH | | 2 |
| 17 | | BKAGC1 | FUSE, FAST BLO 1 A, 250 V; (V71400), 5106-4501-000 | | 1 |
| 18 | | 67014 | CLIP 1/4 D; (V25706), 2111-0000-002 | | 1 |
| 19 | | 1201-8180-900 | ANTENNA, FLEX; MODIFIED FROM 872-960BNCV | | 1 |
| | | | MADE BY (VUNK058) | | |
| 20 | | 67012 | CLIP 1/2 D; (V25706), 2111-0002-500 | | 1 |
| 21 | | 6500-7481-000 | AC POWER CABLE ASSY | | 1 |
| 22 | | RT50R | TY-RAP, RELEASABLE; (V53421), 6004-6006-550 | | 1 |
| | | | ATTACHING PARTS | | |
| 23 | | MB5A | MOUNT, TY-RAP 4-WAY; (V53421), 6004-8100-100 | | 1 |
| | | | ---*--- | | |
| - 24 | | 7005-8142-200 | ANTENNA SHEILD ASSEMBLY | | 1 |
| 25 | | 7005-8142-300 | PLATE ASSY, ANTENNA SHEILD | | 1 |
| 26 | | 7005-8142-400 | CLAMP ASSY, ANTENNA | | 1 |
| 27 | | 6057-1109-600 | CABLE ASSY, COAX FLEX | | 1 |
| 28 | | 7005-8140-600 | FLAT ANTENNA ASSEMBLY SEE FIG 23 | | 1 |
| 29 | | 2517-8155-200 | PAD, RUBBER ADH | | 1 |
| - 30 | | 7005-8140-100 | CHASSIS ASSY | | 1 |
| | | | ATTACHING PARTS | | |
| 31 | | MS51958-64 | SCREW 10-32 X 5/8 PPHM; (V96906), 2809-0625-006 | | 12 |
| 32 | | 2259N194 | WASHER, NYLON; (V1FJ15), 2840-8110-000 | | 12 |
| | | | ---*--- | | |
| 33 | | 4503-8152-600 | PLATE ASSY, RETAINER | | 1 |
| | | | ATTACHING PARTS | | |
| 34 | | MS51959-25 | SCREW 6-32 X 3/16 PFHM; (V96906), 2804-0188-003 | | 7 |
| | | | ---*--- | | |
| 35 | | 7010-8130-200 | FRONT PANEL PULSE PC BOARD ASSEMBLY SEE FIG 4 | | 1 |
| 36 | | 7010-8130-100 | DIGITAL IF PC BOARD ASSEMBLY SEE FIG 5 | | 1 |
| 37 | | 4000-7480-300 | BATTERY, ASSY 12 V, 5 AH | | 1 |
| | | | ATTACHING PARTS | | |
| 38 | | 1414-8150-900 | PLATE ASSY, RETAINER | | 1 |
| 39 | | MS51959-25 | SCREW 6-32 X 3/16 PFHM; (V96906), 2804-0188-003 | | 2 |
| | | | ---*--- | | |
| 40 | | 1410-7452-300 | STRAP, EJECTOR BATTERY | | 1 |
| 41 | | 7005-8140-500 | POWER SUPPLY ASSEMBLY SEE FIG 6 | | 1 |
| | | | ATTACHING PARTS | | |
| 42 | | MS51959-25 | SCREW 6-32 X 3/16 PFHM; (V96906), 2804-0188-003 | | 3 |
| | | | ---*--- | | |
| 43 | | 7005-8141-800 | LINE SUPPLY ASSEMBLY SEE FIG 8 | | 1 |
| 44 | | 7005-8140-400 | RF ASSEMBLY SEE FIG 9 | | 1 |
| | | | ATTACHING PARTS | | |
| 45 | | MS51959-15 | SCREW 4-40 X 3/8 PFHM; (V96906), 2803-0375-003 | | 6 |
| | | | ---*--- | | |

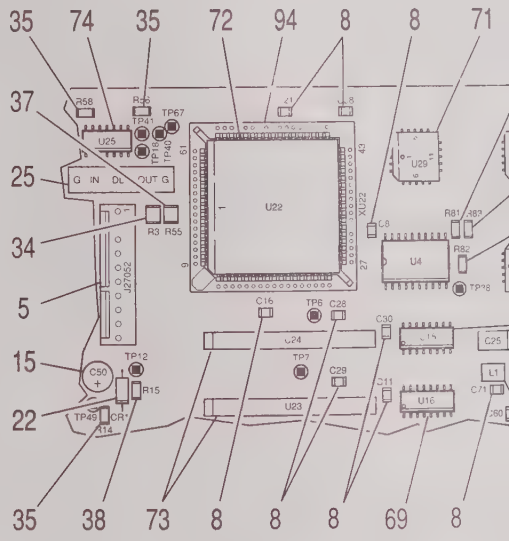
CONTINUED ON NEXT PAGE

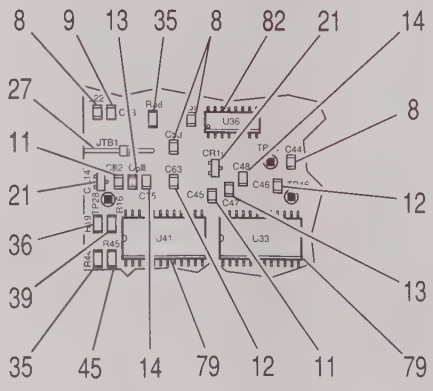
| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 3 46 | | 7005-8140-300 | FRONT PANEL ASSEMBLY SEE FIG 18 | | 1 |
| | | | ATTACHING PARTS | | |
| 47 | | 1407-7450-200 | GRIP, HANDLE | | 2 |
| 48 | | 2840-7600-232 | WASHER, FLAT | | 4 |
| | | | ---*--- | | |
| - 49 | | 7007-8180-200 | CABLE ASSY, DISPLAY/FR PANEL PULSE | | 1 |
| 50 | | 50-57-9410 | CONNECTOR, LOCKING; (V27264), 2115-0210-010, P12059 | | 1 |
| - 51 | | 16-02-0097 | CONTACT, CONN 24 - 30 GA; (V27264), 2114-0000-033 | | 10 |
| 52 | | 22-01-2107 | CONNECTOR, LOCKING; (V27264), 2115-0004-010, P27052 | | 1 |
| - 53 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 10 |
| - 54 | | 6046-8181-000 | CABLE ASSY, VIDEO DETECTOR/DRIVER | | 1 |
| 55 | | 22-01-2037 | CONNECTOR, LOCKING; (V27264), 2115-0001-009, P12045, P17027 | | 2 |
| - 56 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 3 |
| - 57 | | 6046-8181-100 | CABLE ASSY, DRIVER/MOTHER BOARD | | 1 |
| 58 | | 22-01-2077 | CONNECTOR, LOCKING; (V27264), 2115-0003-001, P17022 P25008 | | 2 |
| - 59 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 10 |
| - 60 | | 15-04-9209 | KEY, POLARIZING CONN; (V27264), 2127-9900-100 | | 1 |
| 61 | | 7010-8130-000 | MOTHERBOARD PC BOARD ASSEMBLY SEE FIG 22 | | 1 |
| | | | ATTACHING PARTS | | |
| 62 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 14 |
| 63 | | 2800-7600-144 | SPACER, THREADED 4-40 | | 2 |
| 64 | | 2803-0250-003 | SCREW, UNDCHD 4-40 X 1/4 PFHM | | 2 |
| | | | ---*--- | | |
| - 65 | | 7009-8140-000 | RF CABLE SET | | 1 |
| - 66 | | 6050-0041-050 | CABLE ASSY, COAX FLEX | | 2 |
| - 67 | | 6050-0040-800 | CABLE ASSY, COAX FLEX | | 1 |
| - 68 | | 6050-0040-650 | CABLE ASSY, COAX FLEX | | 1 |
| - 69 | | 6050-0041-220 | CABLE ASSY, COAX FLEX | | 1 |
| - 70 | | 6050-0041-420 | CABLE ASSY, COAX FLEX | | 1 |
| - 71 | | 6050-0041-150 | CABLE ASSY, COAX FLEX | | 1 |
| - 72 | | 6044-1200-600 | CABLE ASSY, COAX FLEX | | 1 |
| - 73 | | 6044-1260-660 | CABLE ASSY, COAX FLEX | | 1 |
| 74 | | 1800F | GUIDE, CARD NAT; (V23880), 4104-0005-000 | | 4 |
| 75 | | 23071-4 | GUIDE, CARD NAT; (V18677), 4104-0004-000 | | 2 |
| 76 | | 6500-8180-400 | CHASSIS ASSY | | 1 |
| 77 | | PFC2-032-72 | SCREW, CAPTIVE; (V46384), 2850-0875-055 | | 3 |
| - 78 | | 2850-7453-200 | SCREW, CAPTIVE; MODIFIED FROM PFC2-032-72 MADE BY (V46384) | | 1 |
| - 79 | | | IC, 8-BIT EPROM; U26004, U26005 SEE FIG 5 | | 2 |
| - 80 | | | IC, SERIAL CONFIG; U27003, U27005, U27031 SEE FIG 4 | | 3 |
| - 81 | | | IC, 8-BIT EPROM; U27012, U27013 SEE FIG 4 | | 2 |

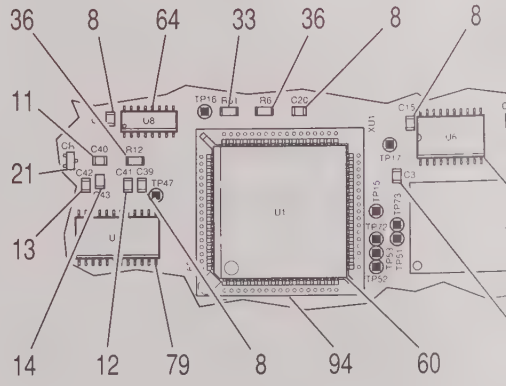
RF CABLE APPLICATION CHART

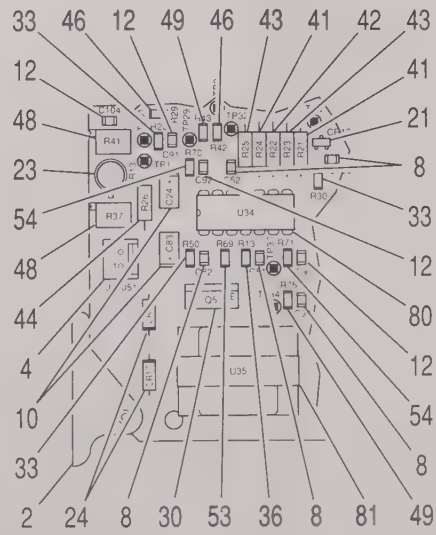
| TAG NO | PART NO | TERMINATED REF DES | |
|---|---|---|---|
| 23 | 6050-0041-050 | P25004 | P17023 |
| 24 | 6050-0041-050 | P25003 | P17024 |
| 25 | 6050-0040-800 | P12046 | P25009 |
| 30 | 6050-0040-650 | P12020 | P17030 |
| 31 | 6050-0041-220 | P25005 | P17031 |
| 34 | 6050-0041-420 | P25002 | P17034 |
| 35 | 6050-0041-150 | P25001 | P17035 |
| 37 | 6044-1200-600 | P12061 | P17037 |
| 38 | 6044-1260-660 | P12018 | P17038 |

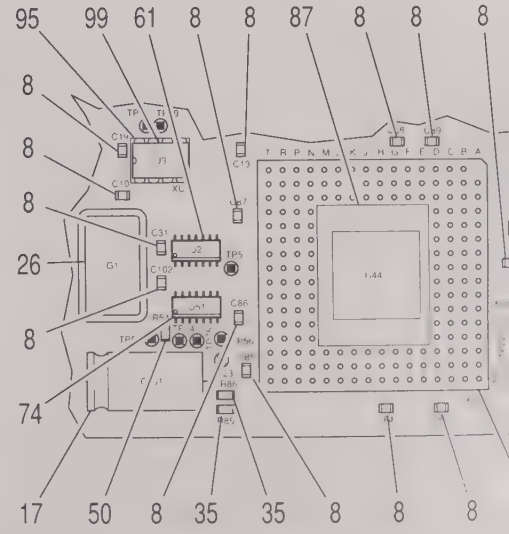

2 8 90 8 52 58 52 35 52 29 52 33 15 8 35 71 35 32 8 91
C37 TP69 C12 U48 R63 R64 R65 R66 R67 R68 S1 C81 R5 R1 C49 TP13 C18 U49 U18

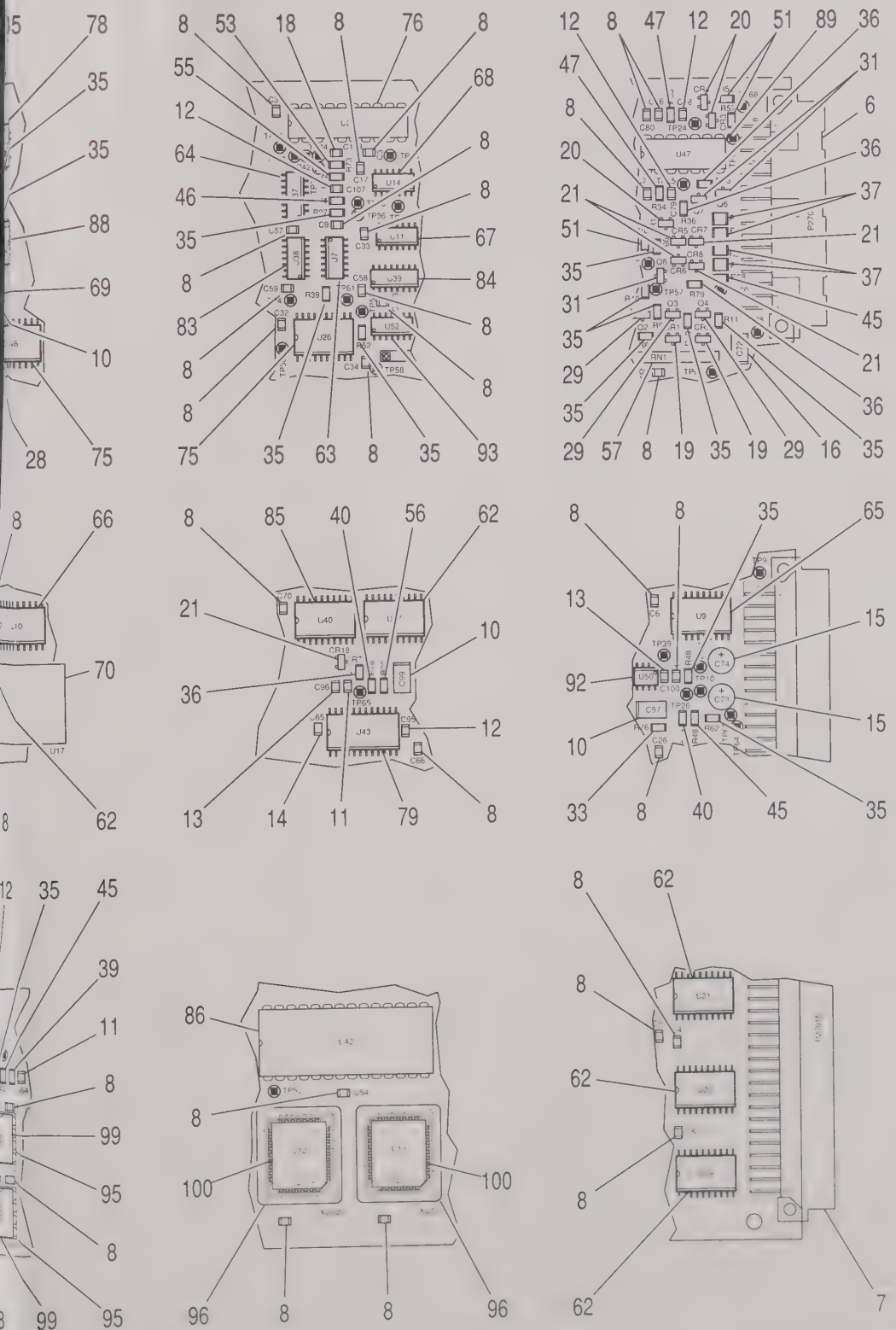

35 74 35 72 94 8 8 71 37 25 34 5 15 22 35 38 73 8 8 8 69 8
R58 R56 TP67 TP41 TP40 U25 G IN DL OUT G R3 R55 J27052 U22 U29 U4 R81 R82 TP98 C8 C16 TP6 C28 C30 C25 TP12 C50 R15 TP49 CR1 R14 TP7 C29 C11 U24 U23 U16 L1 C71


8 9 13 35 8 82 21 14 27 11 8 21 12 36 13 39 35 45 14 79 12 11 79
JTB1 U36 U41 U33 C63 C48 C46 C45 C47 C44 C15 R45


36 8 64 33 36 8 8 11 21 13 14 12 79 8 94 60
U8 U1 TP16 R6 C26 C40 R12 C42 C41 C39 TP47 TP17 TP15 TP50 U6


33 46 12 49 46 43 41 42 43 12 41 48 21 23 8 54 33 48 12 44 80 4 12 10 54 33 8 2 24 8 30 53 36 8 81 49
R41 U34 U35 R50 R69 R13 Q5 R30 R37 C24 C83 C91 R42 R35 R34 R33 R32 R31 R29 TP29 TP1 C104


95 99 61 8 8 87 8 8 8 8 8 26 8 74 17 50 8 35 35 8 8 8
J3 J2 TP5 C13 C31 C102 C86 U89 U87 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100 U101 U102 U103 U104 U105 U106 U107 U108 U109 U110 U111 U112 U113 U114 U115 U116 U117 U118 U119 U120 U121 U122 U123 U124 U125 U126 U127 U128 U129 U130 U131 U132 U133 U134 U135 U136 U137 U138 U139 U140 U141 U142 U143 U144 U145 U146 U147 U148 U149 U150 U151 U152 U153 U154 U155 U156 U157 U158 U159 U160 U161 U162 U163 U164 U165 U166 U167 U168 U169 U170 U171 U172 U173 U174 U175 U176 U177 U178 U179 U180 U181 U182 U183 U184 U185 U186 U187 U188 U189 U190 U191 U192 U193 U194 U195 U196 U197 U198 U199 U200 U201 U202 U203 U204 U205 U206 U207 U208 U209 U210 U211 U212 U213 U214 U215 U216 U217 U218 U219 U220 U221 U222 U223 U224 U225 U226 U227 U228 U229 U230 U231 U232 U233 U234 U235 U236 U237 U238 U239 U240 U241 U242 U243 U244 U245 U246 U247 U248 U249 U250 U251 U252 U253 U254 U255 U256 U257 U258 U259 U260 U261 U262 U263 U264 U265 U266 U267 U268 U269 U270 U271 U272 U273 U274 U275 U276 U277 U278 U279 U280 U281 U282 U283 U284 U285 U286 U287 U288 U289 U290 U291 U292 U293 U294 U295 U296 U297 U298 U299 U300 U301 U302 U303 U304 U305 U306 U307 U308 U309 U310 U311 U312 U313 U314 U315 U316 U317 U318 U319 U320 U321 U322 U323 U324 U325 U326 U327 U328 U329 U330 U331 U332 U333 U334 U335 U336 U337 U338 U339 U340 U341 U342 U343 U344 U345 U346 U347 U348 U349 U350 U351 U352 U353 U354 U355 U356 U357 U358 U359 U360 U361 U362 U363 U364 U365 U366 U367 U368 U369 U370 U371 U372 U373 U374 U375 U376 U377 U378 U379 U380 U381 U382 U383 U384 U385 U386 U387 U388 U389 U390 U391 U392 U393 U394 U395 U396 U397 U398 U399 U400 U401 U402 U403 U404 U405 U406 U407 U408 U409 U410 U411 U412 U413 U414 U415 U416 U417 U418 U419 U420 U421 U422 U423 U424 U425 U426 U427 U428 U429 U430 U431 U432 U433 U434 U435 U436 U437 U438 U439 U440 U441 U442 U443 U444 U445 U446 U447 U448 U449 U450 U451 U452 U453 U454 U455 U456 U457 U458 U459 U460 U461 U462 U463 U464 U465 U466 U467 U468 U469 U470 U471 U472 U473 U474 U475 U476 U477 U478 U479 U480 U481 U482 U483 U484 U485 U486 U487 U488 U489 U490 U491 U492 U493 U494 U495 U496 U497 U498 U499 U500 U501 U502 U503 U504 U505 U506 U507 U508 U509 U510 U511 U512 U513 U514 U515 U516 U517 U518 U519 U520 U521 U522 U523 U524 U525 U526 U527 U528 U529 U530 U531 U532 U533 U534 U535 U536 U537 U538 U539 U540 U541 U542 U543 U544 U545 U546 U547 U548 U549 U550 U551 U552 U553 U554 U555 U556 U557 U558 U559 U560 U561 U562 U563 U564 U565 U566 U567 U568 U569 U570 U571 U572 U573 U574 U575 U576 U577 U578 U579 U580 U581 U582 U583 U584 U585 U586 U587 U588 U589 U590 U591 U592 U593 U594 U595 U596 U597 U598 U599 U600 U601 U602 U603 U604 U605 U606 U607 U608 U609 U610 U611 U612 U613 U614 U615 U616 U617 U618 U619 U620 U621 U622 U623 U624 U625 U626 U627 U628 U629 U630 U631 U632 U633 U634 U635 U636 U637 U638 U639 U640 U641 U642 U643 U644 U645 U646 U647 U648 U649 U650 U651 U652 U653 U654 U655 U656 U657 U658 U659 U660 U661 U662 U663 U664 U665 U666 U667 U668 U669 U670 U671 U672 U673 U674 U675 U676 U677 U678 U679 U680 U681 U682 U683 U684 U685 U686 U687 U688 U689 U690 U691 U692 U693 U694 U695 U696 U697 U698 U699 U700 U701 U702 U703 U704 U705 U706 U707 U708 U709 U710 U711 U712 U713 U714 U715 U716 U717 U718 U719 U720 U721 U722 U723 U724 U725 U726 U727 U728 U729 U730 U731 U732 U733 U734 U735 U736 U737 U738 U739 U740 U741 U742 U743 U744 U745 U746 U747 U748 U749 U750 U751 U752 U753 U754 U755 U756 U757 U758 U759 U760 U761 U762 U763 U764 U765 U766 U767 U768 U769 U770 U771 U772 U773 U774 U775 U776 U777 U778 U779 U780 U781 U782 U783 U784 U785 U786 U787 U788 U789 U790 U791 U792 U793 U794 U795 U796 U797 U798 U799 U800 U801 U802 U803 U804 U805 U806 U807 U808 U809 U810 U811 U812 U813 U814 U815 U816 U817 U818 U819 U820 U821 U822 U823 U824 U825 U826 U827 U828 U829 U830 U831 U832 U833 U834 U835 U836 U837 U838 U839 U840 U841 U842 U843 U844 U845 U846 U847 U848 U849 U850 U851 U852 U853 U854 U855 U856 U857 U858 U859 U860 U861 U862 U863 U864 U865 U866 U867 U868 U869 U870 U871 U872 U873 U874 U875 U876 U877 U878 U879 U880 U881 U882 U883 U884 U885 U886 U887 U888 U889 U890 U891 U892 U893 U894 U895 U896 U897 U898 U899 U900 U901 U902 U903 U904 U905 U906 U907 U908 U909 U910 U911 U912 U913 U914 U915 U916 U917 U918 U919 U920 U921 U922 U923 U924 U925 U926 U927 U928 U929 U930 U931 U932 U933 U934 U935 U936 U937 U938 U939 U940 U941 U942 U943 U944 U945 U946 U947 U948 U949 U950 U951 U952 U953 U954 U955 U956 U957 U958 U959 U960 U961 U962 U963 U964 U965 U966 U967 U968 U969 U970 U971 U972 U973 U974 U975 U976 U977 U978 U979 U980 U981 U982 U983 U984 U985 U986 U987 U988 U989 U990 U991 U992 U993 U994 U995 U996 U997 U998 U999 U1000



FRONT PANEL PULSE PC BOARD ASSEMBLY
FIGURE 4

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 4 - 1 | | 7010-8130-200 | FRONT PANEL PULSE PC BOARD ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | S203 | EJECTOR, CARD NAT; (V18677), 4104-0000-002 | | 2 |
| | | | ATTACHING PARTS | | |
| - 3 | | MS171492 | ROLL PIN, EJECTOR; (V96906), 2108-0000-008 | | 1 |
| | | | ---*--- | | |
| 4 | | 22-11-2022 | CONNECTOR, LOCKING; (V27264), 2115-0005-002, J27051 | | 1 |
| 5 | | 22-11-2102 | CONNECTOR, LOCKING; (V27264), 2115-0005-010, J27052 | | 1 |
| 6 | | XC5C4822 | CONNECTOR, CARD EDGE; (V61964), 2129-1002-148, P27007 | | 1 |
| 7 | | 533205-1 | CONNECTOR, HEADER; (V00779), 2129-1002-196, P27015 | | 1 |
| 8 | | 12065C104KAT0 50B | CAPACITOR .1 µF, 50 V; (V16299), 1622-0104-001, C27001, C27002, C27003, C27004, C27005, C27006, C27007, C27008, C27009, C27010, C27011, C27012, C27013, C27014, C27015, C27016, C27017, C27018, C27019, C27020, C27021, C27022, C27026, C27027, C27028, C27029, C27030, C27031, C27032, C27033, C27034, C27035, C27036, C27037, C27038, C27039, C27044, C27051, C27052, C27053, C27054, C27055, C27056, C27057, C27058, C27059, C27060, C27061, C27066, C27069, C27070, C27071, C27076, C27077, C27080, C27081, C27082, C27084, C27085, C27086, C27087, C27088, C27089, C27090, C27094, C27098, C27102, C27103, C27106, C27109 | | 70 |
| 9 | | 293D105X9016A2 | CAPACITOR 1.0 µF, 16 V; (V56289), 1618-0105-016, C27023 | | 1 |
| 10 | | 293D106X09025D2 | CAPACITOR 10 µF, 25 V; (V56289), 1619-0106-025, C27024, C27025, C27083, C27097, C27099 | | 5 |
| 11 | | 12061A220JAT0 50B | CAPACITOR 22 pF, 100 V; (V16299), 1622-0220-001, C27040, C27045, C27062, C27064, C27067 | | 5 |
| 12 | | 12065C103KAT0 50B | CAPACITOR .01 µF, 50 V; (V16299), 1622-0103-001, C27041, C27046, C27063, C27078, C27079, C27091, C27092, C27093, C27095, C27104, C27105, C27107 | | 12 |
| 13 | | GRM42-6COG101 J100BB | CAPACITOR 100 pF, 50 V; (V72982), 1622-0101-001, C27042, C27047, C27068, C27096, C27100 | | 5 |
| 14 | | 293D474X9025A2 | CAPACITOR .47 µF, 25 V; (V56289), 1618-0474-025, C27043, C27048, C27065, C27075 | | 4 |
| 15 | | 25MS710M | CAPACITOR 10 µF, 25 V; (VUNK048), 1580-1000-200, C27049, C27050, C27073, C27074 | | 4 |
| 16 | | 293D476X9010D2 | CAPACITOR 47 µF, 10 V; (V56289), 1619-0476-010, C27072 | | 1 |
| 17 | | TVX0J102MCA | CAPACITOR 1000 µF, 6 V; (V55680), 1580-1020-049, C27101 | | 1 |
| 18 | | 12065A102JAT0 50B | CAPACITOR 1000 pF, 50 V; (V16299), 1622-0102-001, C27108 | | 1 |
| 19 | | HSMS2803 | DIODE, S-BAR; (V54893), 4816-0000-004, CR27001, CR27002 | | 2 |
| 20 | | HSMS2802 | DIODE, S-BAR; (V54893), 4816-0000-006, CR27003, CR27004, CR27015 | | 3 |
| 21 | | TMPD4448 | DIODE, SIGNAL; (V56289), 4815-0000-005, CR27005, CR27006, CR27007, CR27008, CR27009, CR27010, CR27012, CR27014, CR27018 | | 9 |
| 22 | | JAN1N5231B | DIODE, ZENER 5.1 V; (V81349), 4818-0000-003, CR27011 | | 1 |
| 23 | | LM236AH25 | DIODE, REF; (V27014), 4818-0000-029, CR27013 | | 1 |
| 24 | | JAN1N5281B | DIODE, ZENER 200 V; (V04713), 4818-0000-033, CR27016, CR27017 | | 2 |
| 25 | | 1513-10B | DELAY LINE 10 NS; (V22519), 4730-0000-001, DL27001 | | 1 |
| 26 | | US685400 | OSCILLATOR, CLOCK 40.0 MHz; (V52847), 5850-0000-031 G27001 | | 1 |
| 27 | | TSW101-08TDRA | CONNECTOR, WAFER; (V55322), 2129-1087-002, JTB27001 | | 1 |
| 28 | | 1812CS103XK2B | INDUCTOR 10 µH; (V02113), 1811-6103-003, L27001 | | 1 |
| 29 | | MMBT3904L | TRANSISTOR; (V04713), 4809-0000-021, Q27001, Q27002, Q27003, Q27004 | | 4 |

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| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 4 | 30 | | 4811-0000-001 | TRANSISTOR SELECTED; Q27005 | | 1 |
| | 31 | | MMBT2222AL | TRANSISTOR; (V04713), 4801-0000-006, Q27006, Q27007, Q27008 | | 3 |
| | 32 | | RK73H2B5111F | RESISTOR 1%, 1/8 W, 5.11 K; (V59124), 4722-5111-001, R27001 | | 1 |
| | 33 | | RK73H2B1001F | RESISTOR 1%, 1/8 W, 1.0 K; (V59124), 4722-1001-001, R27002, R27020, R27030, R27050, R27051, R27076 | | 6 |
| | 34 | | RM73B2E181J | RESISTOR 5%, 1/4 W, 180 Ω; (V59124), 4721-0181-002, R27003 | | 1 |
| | 35 | | RK73H2B1002F | RESISTOR 1%, 1/8 W, 10.0 K; (V59124), 4722-1002-001, R27004, R27005, R27009, R27010, R27011, R27014, R27027, R27038, R27039, R27040, R27044, R27046, R27048, R27052, R27053, R27056, R27058, R27060, R27062, R27081, R27082, R27083, R27084, R27085, R27086 | | 25 |
| | 36 | | RK73H2B2211F | RESISTOR 1%, 1/8 W, 2.21 K; (V59124), 4722-2211-001, R27006, R27012, R27013, R27019, R27035, R27036, R27077, R27079 | | 8 |
| | 37 | | RM73B2E221J | RESISTOR 5%, 1/4 W, 220 Ω; (V59124), 4721-0221-003, R27007, R27008, R27031, R27032, R27055 | | 5 |
| | 38 | | RK73H2B6810F | RESISTOR 1%, 1/8 W, 681 Ω; (V59124), 4722-6810-001, R27015 | | 1 |
| | 39 | | RK73H2B5620F | RESISTOR 1%, 1/8 W, 562 Ω; (V59124), 4722-5620-001, R27016, R27018 | | 2 |
| | 40 | | RK73H2B2553F | RESISTOR 1%, 1/8 W, 255 K; (V59124), 4722-2553-001, R27017, R27078 | | 2 |
| | 41 | | RLR07C3092FR | RESISTOR 1%, 1/4 W, 30.9 K; (V81349), 4706-3092-001, R27021, R27024 | | 2 |
| | 42 | | RLR07C7682FR | RESISTOR 1%, 1/4 W, 76.8 K; (V81349), 4706-7682-001, R27022 | | 1 |
| | 43 | | RLR07C1002FR | RESISTOR 1%, 1/4 W, 10 K; (V81349), 4706-1002-001, R27023, R27025 | | 2 |
| | 44 | | RLR07C2211FR | RESISTOR 1%, 1/4 W, 2.21 K; (V81349), 4706-2211-001, R27026 | | 1 |
| | 45 | | RK73H2B1502F | RESISTOR 1%, 1/8 W, 15.0 K; (V59124), 4722-1502-001, R27028, R27045, R27047, R27049 | | 4 |
| | 46 | | RK73H2B8252F | RESISTOR 1%, 1/8 W, 82.5 K; (V59124), 4722-8252-001, R27029, R27042, R27074 | | 3 |
| | 47 | | RK73H2B5623F | RESISTOR 1%, 1/8 W, 562 K; (V59124), 4722-5623-001, R27033, R27034 | | 2 |
| | 48 | | 3266Z1-103 | RESISTOR, VAR 10 K; (V57921), 4752-2103-002, R27037, R27041 | | 2 |
| | 49 | | RK73H2B6811F | RESISTOR 1%, 1/8 W, 6.81 K; (V59124), 4722-6811-001, R27043, R27075 | | 2 |
| | 50 | | RK73H2B4750F | RESISTOR 1%, 1/8 W, 475 Ω; (V59124), 4722-4750-001, R27054 | | 1 |
| | 51 | | RK73H2B1000F | RESISTOR 1%, 1/8 W, 1 K; (V59124), 4722-1000-001, R27057, R27059, R27061 | | 3 |
| | 52 | | RK73H2B1500F | RESISTOR 1%, 1/8 W, 150 Ω; (V59124), 4722-1500-001, R27063, R27064, R27065, R27066, R27067, R27068 | | 6 |
| | 53 | | RK73H2B1003F | RESISTOR 1%, 1/8 W, 100 K; (V59124), 4722-1003-001, R27069, R27073 | | 2 |
| | 54 | | RK73H2B2740F | RESISTOR 1%, 1/8 W, 274 Ω; (V59124), 4722-2740-001, R27070, R27071 | | 2 |
| | 55 | | RK73H2B1823F | RESISTOR 1%, 1/8 W, 182 K; (V59124), 4722-1823-001, R27072 | | 1 |
| | 56 | | RK73H2B3653F | RESISTOR 1%, 1/8 W, 365 K; (V59124), 4722-3653-001, R27080 | | 1 |
| | 57 | | 4610X101-103 | RESISTOR NETWORK 10-P, 10 K; (V57921), 4690-0910-300, RN27001 | | 1 |
| | 58 | | KSA1M411K0207 | SWITCH, PUSHBUTTON; (V31918), 5136-0002-000, S27001 | | 1 |

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| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 4 - 59 | | 85931-6 | | POST, GANG; (V00779), 2114-0000-007, TP27001, TP27002, TP27003, TP27004, TP27005, TP27006, TP27007, TP27008, TP27009, TP27010, TP27011, TP27012, TP27013, TP27014, TP27015, TP27016, TP27017, TP27018, TP27019, TP27020, TP27021, TP27022, TP27023, TP27024, TP27025, TP27026, TP27027, TP27028, TP27029, TP27030, TP27031, TP27032, TP27033, TP27034, TP27035, TP27036, TP27037, TP27038, TP27039, TP27040, TP27041, TP27042, TP27043, TP27044, TP27045, TP27046, TP27047, TP27048, TP27049, TP27050, TP27051, TP27052, TP27053, TP27054, TP27055, TP27056, TP27057, TP27058, TP27059, TP27060, TP27061, TP27062, TP27063, TP27064, TP27065, TP27066, TP27067, TP27068, TP27069, TP27070, TP27071, TP27072, TP27073, TP27074, TP27075 | | 75 |
| 60 | | N80C188 | | IC, 16-BIT MIPRCS; (V7U050), 3135-0000-066, U27001 | | 1 |
| 61 | | MC74ACT74D | | IC, DUAL D FLIP-FLOP; (V04713), 3210-3074-000, U27002 | | 1 |
| 62 | | 74HCT244D | | IC, OCTAL BFR/DRVR/RCVR; (V0LUA3), 3214-9403-003, U27004, U27006, U27019, U27020, U27021, U27027 | | 6 |
| 63 | | 74HCT74D | | IC, DUAL D FLIP-FLOP; (V0LUA3), 3214-9403-006, U27007 | | 1 |
| 64 | | MC74ACT138D | | IC, DCDR/MPLXR; (V04713), 3210-3000-005, U27008, U27037 | | 2 |
| 65 | | MC74ACT245DW | | IC, OCTAL BIDIRECTIONAL XCVR; (V04713), 3210-3000-009, U27009 | | 1 |
| 66 | | MC74ACT373DW | | IC, OCTAL D-TYPE LATCH; (V04713), 3210-3000-001, U27010 | | 1 |
| 67 | | MC74HC00D | | IC, QUAD 2-INP NAND; (V04713), 3214-9100-016, U27011 | | 1 |
| 68 | | 74HC125D | | IC, TRI-STATE QUAD BFR; (V0LUA3), 3214-9100-014, U27014 | | 1 |
| 69 | | MC74ACT157D | | IC, QUAD MPLXR; (V04713), 3210-3000-003, U27015, U27016 | | 2 |
| 70 | | DS1235YWL120 | | IC, STATIC RAM; (V0B0A9), 3260-0100-800, U27017 | | 1 |
| 71 | | TL7705AID | | IC, SUPPLY VOLTAGE SUPERVISOR; (V01295), 3135-0001-059, U27018 | | 1 |
| 72 | | XC2064-70PC68I | | IC, LCA; (V68994), 3271-2064-701, U27022 | | 1 |
| 73 | | MB81461-12PZ | | IC, DUAL DYNAMIC RAM; (V61271), 3228-0017-000, U27023, U27024 | | 2 |
| 74 | | MC74ACT14D | | IC, HEX SCHMITT TRIG INV; (V04713), 3210-3000-004, U27025, U27051 | | 2 |
| 75 | | MC74ACT244DW | | IC, OCTAL BFR/DRVR/RCVR; (V04713), 3210-3000-007, U27026, U27046 | | 2 |
| 76 | | MAX233EPP | | IC, RS-232 DRVR/RCVR; (V1ES66), 3223-0005-006, U27028 | | 1 |
| 77 | | T1BPAL22V10-1 5BCFN | * | IC, PAL; (V01295), 3260-0100-903, U27029 | | 1 |
| 78 | | TN82510 | | IC, MUART; (V7U050), 3135-0000-078, U27030 | | 1 |
| 79 | | NE5018D | | IC, 8-BIT D/A CONV; (V0LUA3), 3228-0006-001, U27032, U27033, U27041, U27043 | | 4 |
| 80 | | LM248J | | IC, QUAD OP AMP; (V27014), 3224-0016-000, U27034 | | 1 |
| 81 | | 4600-6800-401 | | TRANSFORMER, DC TO AC INVERTER, U27035 | | 1 |
| 82 | | 74HC138D | | IC, DCDR/MPLXR; (V0LUA3), 3214-9100-018, U27036 | | 1 |
| 83 | | MC74ACT02D | | IC, QUAD 2-INP NOR; (V04713), 3210-3000-006, U27038 | | 1 |
| 84 | | MC74HC161D | | IC, SYN 4-BIT BIN CNTR; (V04713), 3214-9100-015, U27039 | | 1 |
| 85 | | MC74HCT374ADW | | IC, OCTAL D FLIP-FLOP; (V04713), 3214-9403-011, U27040 | | 1 |
| 86 | | AD667AD | | IC, 12-BIT D/A CONV; (V51640), 3228-0016-000, U27042 | | 1 |
| 87 | | XC3090-70PG1751 | | IC, LCA; (V68994), 3271-3090-070, U27044 | | 1 |
| 88 | | Q67100A8207 | | IC, 10-BIT A/D CONV; (V59756), 3228-0009-100, U27045 | | 1 |
| 89 | | LM556J | | IC, DUAL TIMER; (V27014), 3224-0015-000, U27047 | | 1 |
| 90 | | HD61830B00H | | IC, LCD CONTROLLER; (VUNK017), 3271-6183-000, U27048 | | 1 |
| 91 | | TC5517APL | | IC, 8-BIT CMOS RAM; (V6X403), 3260-1551-700, U27049 | | 1 |
| 92 | | CA3130AM | | IC, BIMOS OP AMP; (V02735), 3133-0000-124, U27050 | | 1 |
| 93 | | 74HCT32D | | IC, 2-INP OR; (V0LUA3), 3214-9403-002, U27052 | | |

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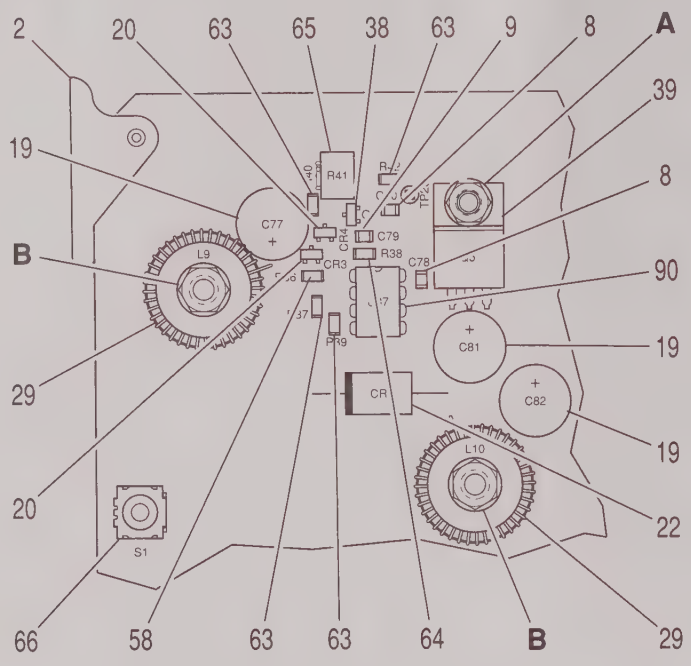
# ILLUSTRATED PARTS LIST

| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 4 | 94 | | 821574-1 | | SOCKET, CHIP CARRIER; (V00779), 3101-0000-031, X27001, X27022 | | 2 |
| | 95 | | ICN083S3G | | SOCKET, DIP; (V06776), 3101-0000-013, X27003, X27005, X27031 | | 3 |
| | 96 | | IC61-0324-033 | | SOCKET, DIP; (V0HSF8), 3101-0000-044, X27012, X27013 | | 2 |
| - | 97 | | ICB286S8TG | | SOCKET, DIP; (V06776), 3101-0000-029, X27017 | | 1 |
| | 98 | | 140-175-1612-04 | | SOCKET, DIP; (VUNK057), 3101-0000-048, XU27044 | | 1 |
| | 99 | | XC1736PD8C | | *IC, SERIAL CONFIG; (V68994), 3133-0000-030, U27003, U27005, U27031 | | REF |
| | 100 | | AT27C512-20L1 | | *IC, 8-BIT EPROM; (V1FN41), 3271-0006-001, U27012, U27013 | | REF |

NOTE: * CONSULT IFR SYSTEMS CUSTOMER SERVICE FOR APPLICABLE PROGRAMMING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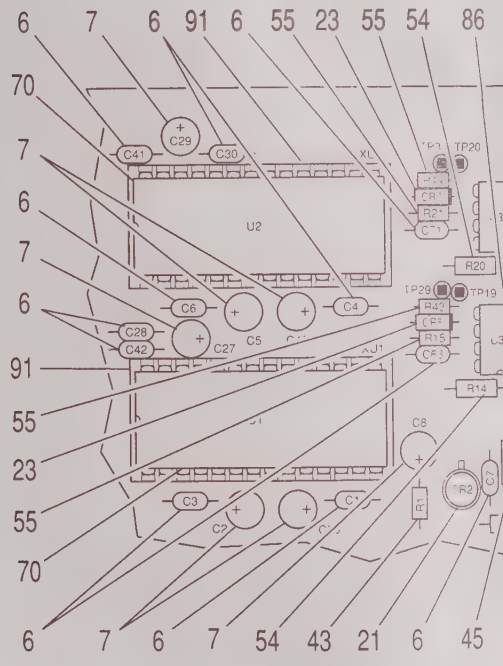
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C42
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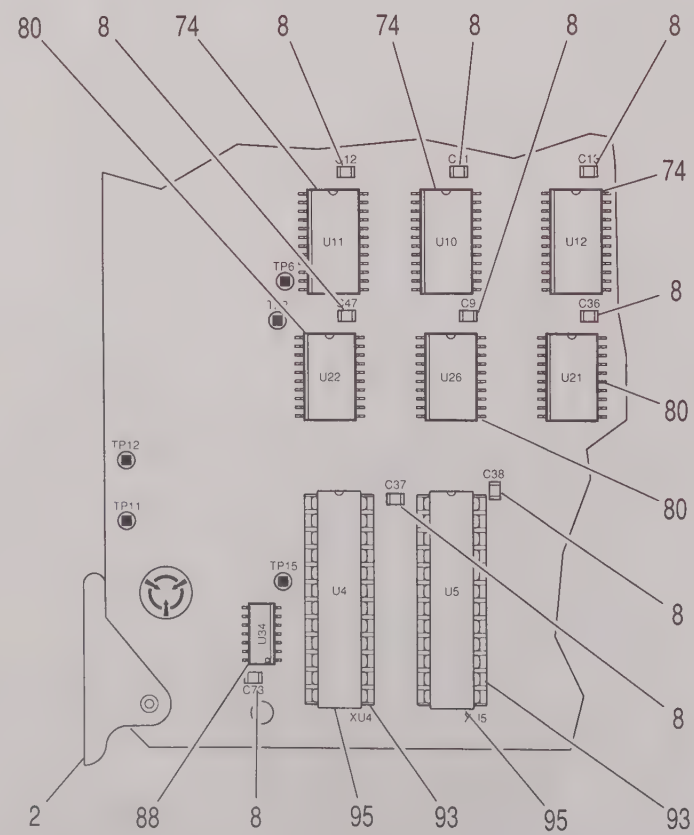
C5
C8
C3
R1
R2
R20
R14
TP20
TP19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2 88 8 95 93 95 93
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TP15
TP6
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C38
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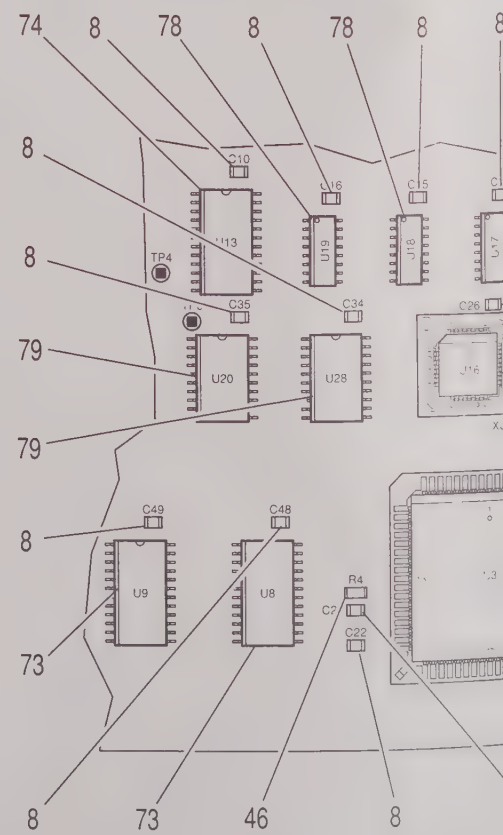
XU4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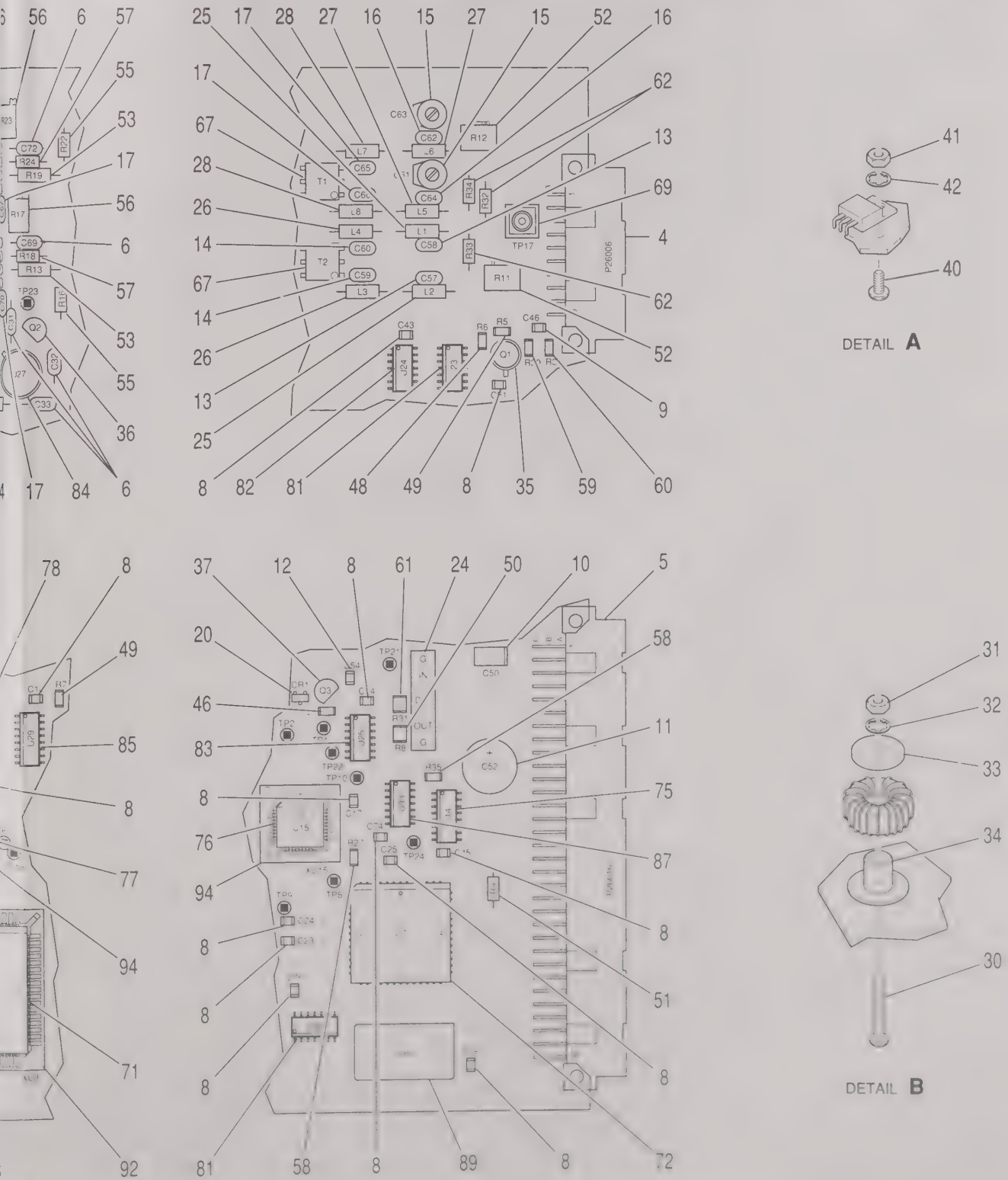


DIGITAL IF PC BOARD ASSEMBLY
FIGURE 5

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 5 - 1 | | 7010-8130-100 | DIGITAL IF PC BOARD ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | S203 | EJECTOR, CARD NAT; (V18677), 4104-0000-002 | | 2 |
| | | | ATTACHING PARTS | | |
| - 3 | | MS171492 | ROLL PIN, EJECTOR; (V96906), 2108-0000-008 | | 1 |
| | | | ---*--- | | |
| 4 | | XC5A2022 | CONNECTOR, CARD EDGE; (V61964), 2129-1002-120, P26006 | | 1 |
| 5 | | 533205-1 | CONNECTOR, HEADER; (V00779), 2129-1002-196, P26016 | | 1 |
| 6 | | C410C104M545CA | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C26001, C26003, C26004, C26006, C26007, C26028, C26030, C26031, C26032, C26033, C26041, C26042, C26068, C26069, C26071, C26072 | | 16 |
| 7 | | 25MS710M | CAPACITOR 10 µF, 25 V; (VUNK048), 1580-1000-200, C26002, C26005, C26008, C26027, C26029, C26039, C26040 | | 7 |
| 8 | | 12065C104KAT0 50B | CAPACITOR .1 µF, 50 V; (V16299), 1622-0104-001, C26009, C26010, C26011, C26012, C26013, C26014, C26015, C26016, C26017, C26018, C26021, C26022, C26023, C26024, C26025, C26026, C26034, C26035, C26036, C26037, C26038, C26043, C26044, C26045, C26047, C26048, C26049, C26051, C26073, C26074, C26075, C26076, C26078, C26080 | | 34 |
| 9 | | 12065A102JAT0 50B | CAPACITOR 1000 pF, 50 V; (V16299), 1622-0102-001, C26046, C26079 | | 2 |
| 10 | | 293D476X9010D2 | CAPACITOR 47 µF, 10 V; (V56289), 1619-0476-010, C26050 | | 1 |
| 11 | | 199D476X0033FE2 | CAPACITOR 47 µF, 35 V; (V56289), 1508-0476-018, C26052 | | 1 |
| 12 | | 293D474X9025A2 | CAPACITOR .47 µF, 25 V; (V56289), 1618-0474-025, C26054 | | 1 |
| 13 | | SR151A181JAA | CAPACITOR 150 pF, 100 V; (V16299), 1506-0151-017, C26057, C26058 | | 2 |
| 14 | | SR201A182JAA | CAPACITOR 1800 pF, 100 V; (V16299), 1506-0182-017, C26059, C26060 | | 2 |
| 15 | | DV6PS25A | CAPACITOR, VAR 3.5 - 25 pF, 100 V; (V72982), 1517-3295-303, C26061, C26063 | | 2 |
| 16 | | C320C220J2G5CA | CAPACITOR 22 pF, 200 V; (V61637), 1506-0220-017, C26062, C26064 | | 2 |
| 17 | | SR151A391JAA | CAPACITOR 390 pF, 100 V; (V16299), 1506-0391-017, C26065, C26066 | | 2 |
| 18 | | C052K103K1X5CA | CAPACITOR .01 µF, 100 V; (V61637), 1506-0103-017, C26067, C26070 | | 2 |
| 19 | | 199D226X0050FE2 | CAPACITOR 22 µF, 50 V; (V56289), 1508-0225-050, C26077, C26081, C26082 | | 3 |
| 20 | | TMPD4448 | DIODE, SIGNAL; (V56289), 4815-0000-005, CR26001, CR26003, CR26004 | | 3 |
| 21 | | LM236AH25 | DIODE, REF; (V27014), 4818-0000-029, CR26002 | | 1 |
| 22 | | IR80SQ030 | DIODE, RECT; (V59993), 4920-5158-300, CR26005 | | 1 |
| 23 | | 5082-2800 | DIODE, S-BAR; (V54893), 4816-0000-001, CR26006, CR26007 | | 2 |
| 24 | | 1513-5B | DELAY LINE 5 NS; (V22519), 4730-0000-002, DL26001 | | 1 |
| 25 | | 1025-08 | INDUCTOR .33 µH; (V99800), 1801-0338-001, L26001, L26002 | | 2 |
| 26 | | 1025-34 | INDUCTOR 3.9 µH; (V99800), 1801-0399-001, L26003, L26004 | | 2 |
| 27 | | 1025-94 | INDUCTOR .1 µH; (V99800), 1801-0108-001, L26005, L26006 | | 2 |
| 28 | | 1025-20 | INDUCTOR 1 µH; (V99800), 1801-0109-001, L26007, L26008 | | 2 |

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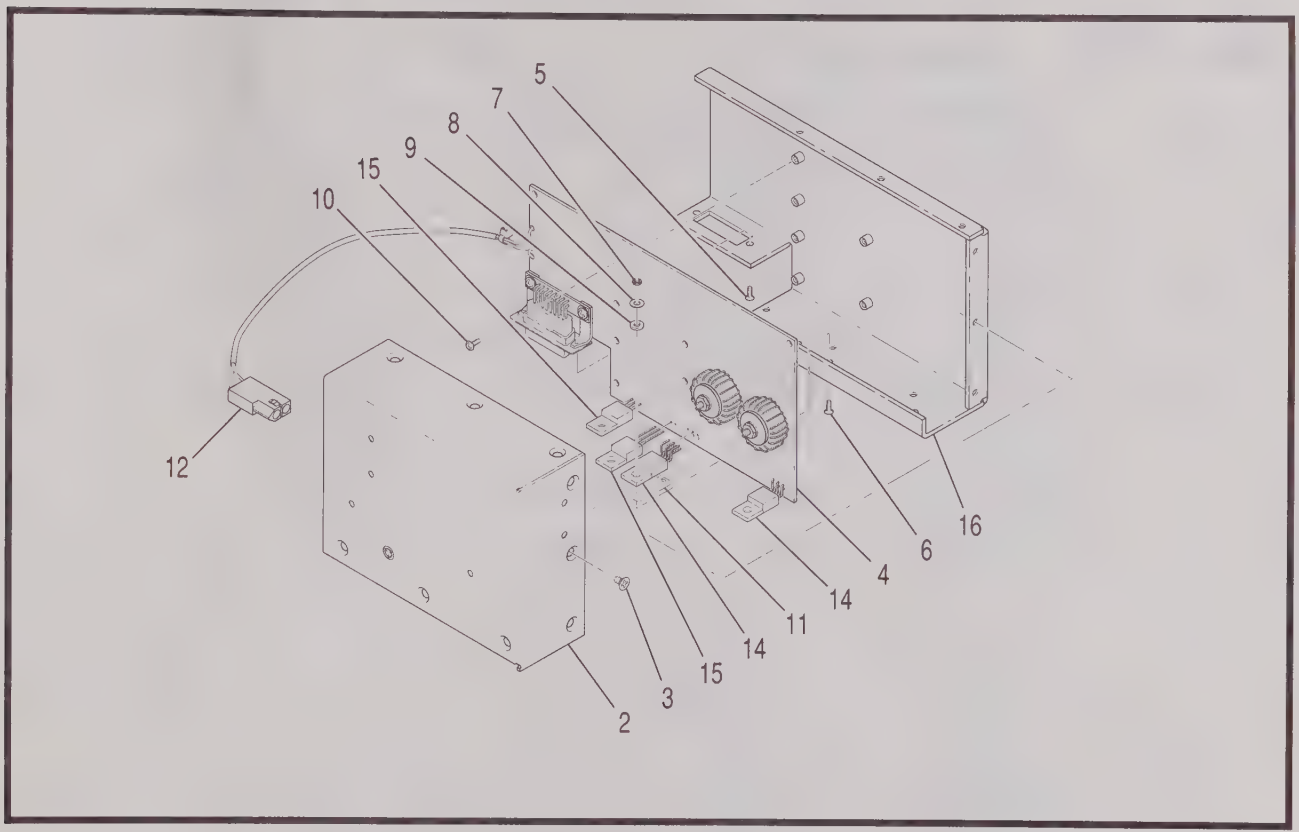
| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 5 | 29 | | 1800-5355-200 | | INDUCTOR .92 mH @ 1 kHz, L26009, L26010 | | 2 |
| | | | | | ATTACHING PARTS | | |
| | 30 | | MS51957-18 | | SCREW 4-40 X 5/8 PPHM; (V96906), 2803-0625-006 | | 1 |
| | 31 | | MS35649-244 | | NUT 4-40; (V96906), 2850-0000-008 | | 1 |
| | 32 | | MS35333-70 | | WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003 | | 1 |
| | 33 | | 2840-7600-216 | | WASHER, FLAT PHENOLIC | | 1 |
| | 34 | | 2510-5090-700 | | HUB, MTG | | 1 |
| | | | | | ---*--- | | |
| | 35 | | 4809-0000-005 | | TRANSISTOR, Q26001 | | 1 |
| | 36 | | PN2907A | | TRANSISTOR; (V06141), 4805-0000-001, Q26002 | | 1 |
| | 37 | | JAN2N3903 | | TRANSISTOR; (V81349), 4807-0000-001, Q26003 | | 1 |
| | 38 | | MMBT2222AL | | TRANSISTOR; (V04713), 4801-0000-006, Q26004 | | 1 |
| | 39 | | IRF521 | | TRANSISTOR; (V17856), 5050-2452-100, Q26005 | | 1 |
| | | | | | ATTACHING PARTS | | |
| | 40 | | MS51957-13 | | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 1 |
| | 41 | | MS35649-244 | | NUT 4-40; (V96906), 2850-0000-008 | | 1 |
| | 42 | | MS35333-70 | | WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003 | | 1 |
| | | | | | ---*--- | | |
| | 43 | | RLR05C102JR | | RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R26001 | | 1 |
| | 44 | | RLR07C1002FR | | RESISTOR 1%, 1/4 W, 10 K; (V81349), 4706-1002-001, R26002 | | 1 |
| | 45 | | RLR07C8061FR | | RESISTOR 1%, 1/4 W, 8.06 K; (V81349), 4706-8061-001, R26003 | | 1 |
| | 46 | | RK73H2B1001F | | RESISTOR 1%, 1/8 W, 1.0 K; (V59124), 4722-1001-001, R26004, R26028 | | 2 |
| | 47 | | RK73H2B3321F | | RESISTOR 1%, 1/8 W, 3.32 K; (V59124), 4722-3321-001, R26005 | | 1 |
| | 48 | | RK73H2B2210F | | RESISTOR 1%, 1/8 W, 221 Ω; (V59124), 4722-2210-001, R26006 | | 1 |
| | 49 | | RK73H2B1004F | | RESISTOR 1%, 1/8 W, 1.0 M; (V59124), 4722-1004-001, R26007 | | 1 |
| | 50 | | RM73B2E181J | | RESISTOR 5%, 1/4 W, 180 Ω; (V59124), 4721-0181-002, R26008 | | 1 |
| | 51 | | RLR05C472JR | | RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R26009 | | 1 |
| | 52 | | 8014EMX500E1 | | RESISTOR, VAR 50 Ω; (V56699), 4753-0500-002, R26011, R26012 | | 2 |
| | 53 | | RLR07C3320FR | | RESISTOR 1%, 1/4 W, 332 Ω; (V81349), 4706-3320-001, R26013, R26019 | | 2 |
| | 54 | | RLR07C2211FR | | RESISTOR 1%, 1/4 W, 2.21 K; (V81349), 4706-2211-001, R26014, R26020 | | 2 |
| | 55 | | RNC50J68R1FS | | RESISTOR 1%, 1/8 W, 68.1 Ω; (V81349), 4718-6819-001, R26015, R26016, R26021, R26022, R26043, R26044 | | 6 |
| | 56 | | 1248X2K10 | | RESISTOR, VAR 2 K; (V18612), 4756-0202-500, R26017, R26023 | | 2 |
| | 57 | | RNC50J4751FS | | RESISTOR 1%, 1/8 W, 4.75 K; (V81349), 4718-4751-001, R26018, R26024 | | 2 |
| | 58 | | RK73H2B4751F | | RESISTOR 1%, 1/8 W, 4.75 K; (V59124), 4722-4751-001, R26027, R26035, R26036 | | 3 |
| | 59 | | RK73H2B33R2F | | RESISTOR 1%, 1/8 W, 33.2 Ω; (V59124), 4722-3329-001, R26029 | | 1 |
| | 60 | | RK73H2B68R1F | | RESISTOR 1%, 1/8 W, 68.1 Ω; (V59124), 4722-6819-001, R26030 | | 1 |
| | 61 | | RM73B2E221J | | RESISTOR 5%, 1/4 W, 220 Ω; (V59124), 4721-0221-003, R26031 | | 1 |
| | 62 | | RLR05C150JR | | RESISTOR 5%, 1/8 W, 15 Ω; (V81349), 4701-0150-003, R26032, R26033, R26034 | | 3 |
| | 63 | | RK73H2B1002F | | RESISTOR 1%, 1/8 W, 10.0 K; (V59124), 4722-1002-001, R26037, R26039, R26040, R26042 | | 4 |
| | 64 | | RK73H2B2213F | | RESISTOR 1%, 1/8 W, 221 K; (V59124), 4722-2213-001, R26038 | | 1 |

CONTINUED ON NEXT PAGE

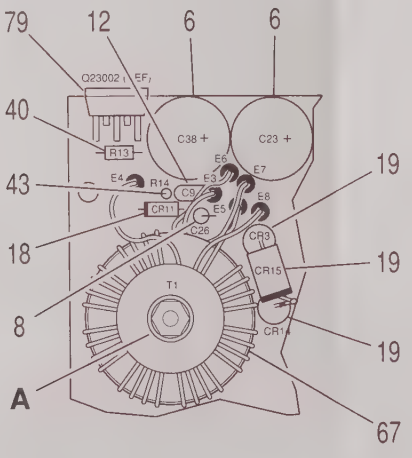
| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 5 65 | | 4753-0103-002 | | RESISTOR, VAR 10 K, R26041 | | 1 |
| 66 | | KSA1M411K0207 | | SWITCH, PUSHBUTTON; (V31918), 5136-0002-000, S26001 | | 1 |
| 67 | | T1-1 | | TRANSFORMER; (V15542), 5604-0000-003, T26001, T26002 | | 2 |
| - 68 | | 85931-6 | | POST, GANG; (V00779), 2114-0000-007, TP26001, TP26002, TP26003, TP26004, TP26005, TP26006, TP26007, TP26008, TP26009, TP26010, TP26011, TP26012, TP26015, TP26018, TP26019, TP26020, TP26021, TP26022, TP26023, TP26024, TP26028, TP26029, TP26030 | | 23 |
| 69 | | 2009-7511-000 | | CONNECTOR, SMB; (V19505), 2200-2010-400, TP26017 | | 1 |
| 70 | | AD9048KQ | | IC, 8-BIT VIDEO A/D CONV; (V51640), 3229-9048-000, U26001, U26002 | | 2 |
| 71 | | TMS320C25FNL | | IC, SK PRCSG; (V01295), 3260-0000-006, U26003 | | 1 |
| 72 | | IDT7130SA100J | | IC, DUAL RAM; (VUNK055), 3271-0713-000, U26007 | | 1 |
| 73 | | CY7C128A-20VC | | IC, STATIC RAM; (V65786), 3252-1608-000, U26008, U26009 | | 2 |
| 74 | | CY7C172A-15VC | | IC, STATIC RAM; (V65786), 3252-1607-000, U26010, U26011, U26012, U26013 | | 4 |
| 75 | | MC74ACT138D | | IC, DCDR/MPLXR; (V04713), 3210-3000-005, U26014 | | 1 |
| 76 | | TIBPAL16R4-12 CFN | * | IC, BIPOLAR PAL; (V01295), 3271-1604-000, U26015 | | 1 |
| 77 | | GAL16V8A12LVC | * | IC, GAL; (V27014), 3271-0015-000, U26016 | | 1 |
| 78 | | 74ACT161SC | | IC, SYN 4-BIT BIN CNTR; (V27014), 3210-3000-002, U26017, U26018, U26019 | | 3 |
| 79 | | 74AC374SC | | IC, OCTAL D FLIP-FLOP; (V27014), 3214-9407-000, U26020, U26028 | | 2 |
| 80 | | MC74ACT244DW | | IC, OCTAL BFR/DRVR/RCVR; (V04713), 3210-3000-007, U26021, U26022, U26026 | | 3 |
| 81 | | MC74ACT14D | | IC, HEX SCHMITT TRIG INV; (V04713), 3210-3000-004, U26023, U26036 | | 2 |
| 82 | | MC74ACT74D | | IC, DUAL D FLIP-FLOP; (V04713), 3210-3074-000, U26024 | | 1 |
| 83 | | MC74ACT00D | | IC, 2-INP NAND; (V04713), 3210-3000-000, U26025 | | 1 |
| 84 | | AM427-2A | | IC, LOW NOISE OP AMP; (V50721), 3221-8100-427, U26027 | | 1 |
| 85 | | CD74ACT112M | | IC, DUAL JK FLIP-FLOP; (V02735), 3210-3000-008, U26029 | | 1 |
| 86 | | CLC401AJP | | IC, WIDEBAND OP AMP; (V62839), 3223-0401-000, U26031, U26032 | | 2 |
| 87 | | MC74ACT02D | | IC, QUAD 2-INP NOR; (V04713), 3210-3000-006, U26033 | | 1 |
| 88 | | SN74F32D | | IC, QUAD 2-INP OR; (V01295), 3214-9404-006, U26034 | | 1 |
| 89 | | US685400 | | OSCILLATOR, CLOCK 40.0 MHz; (V52847), 5850-0000-031, U26035 | | 1 |
| 90 | | CA3130E | | IC, BIMOS OP AMP; (V02735), 3133-0000-024, U26037 | | 1 |
| 91 | | ICB286S8TG | | SOCKET, DIP; (V06776), 3101-0000-029, X26001, X26002 | | 2 |
| 92 | | 821574-1 | | SOCKET, CHIP CARRIER; (V00779), 3101-0000-031, X26003 | | 1 |
| 93 | | ICO243S8TG | | SOCKET, DIP; (V06776), 3101-0000-032, X26004, X26005 | | 2 |
| 94 | | 213-020-602 | | SOCKET, DIP; (V95354), 3101-0000-043, X26015, X26016 | | 2 |
| 95 | | WS57C49B35 | * | IC, 8-BIT EPROM; (V66579), 3271-5749-000, U26004, U26005 | | REF |

NOTE: * CONSULT IFR SYSTEMS CUSTOMER SERVICE FOR APPLICABLE PROGRAMMING.




POWER SUPPLY ASSEMBLY
FIGURE 6

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 6 - 1 | | 7005-8140-500 | POWER SUPPLY ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | 1414-8151-500 | COVER, ENCLOSURE | | 1 |
| | | | ATTACHING PARTS | | |
| 3 | | MS51959-25 | SCREW 6-32 X 3/16 PFHM; (V96906), 2804-0188-003 | | 9 |
| | | | ---*--- | | |
| 4 | | 7010-8130-500 | POWER SUPPLY PC BOARD ASSEMBLY SEE FIG 7 | | 1 |
| | | | ATTACHING PARTS | | |
| 5 | | 2803-0250-003 | SCREW, UNDCHD 4-40 X 1/4 PFHM | | 2 |
| 6 | | 2803-0313-003 | SCREW, UNDCHD 4-40 X 5/16 PFHM | | 4 |
| 7 | | NAS671C4 | NUT 4-40; (V80205), 2850-0000-020 | | 4 |
| 8 | | MS51795-803 | WASHER, FLAT #4; (V96906), 2840-0000-009 | | 4 |
| 9 | | 7721-7PPS | WASHER, SHOULDER; (V13103), 2840-6153-500 | | 4 |
| 10 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 9 |
| | | | ---*--- | | |
| 11 | | DF103B | INSULATOR; (V02735), 4835-0000-103 | | 4 |
| 12 | | | CONNECTOR, POLARIZED; J11048 SEE FIG 7 | | 1 |
| - 13 | | | CONTACT, CONN 14 - 20 GA; SEE FIG 7 | | 2 |
| 14 | | | TRANSISTOR; Q23001, Q23002 SEE FIG 7 | | 2 |
| 15 | | | IC, REGULATOR; U23004, U23005 SEE FIG 7 | | 2 |
| 16 | | 1415-8151-400 | ENCLOSURE ASSY | | 1 |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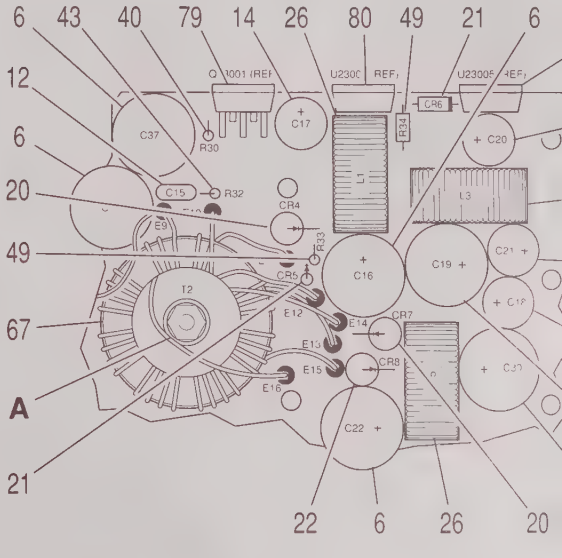
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R30
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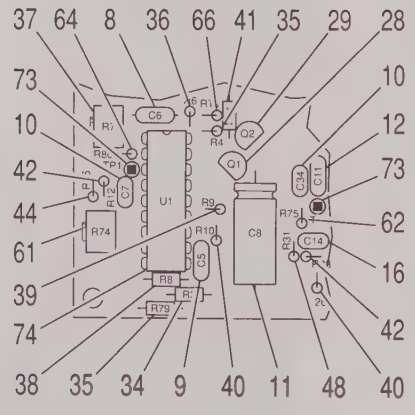
CR6
CR5
CR7
CR8
T2
C22 +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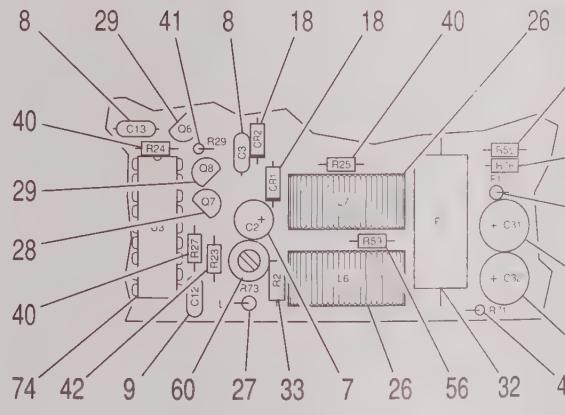
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Q7
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R25
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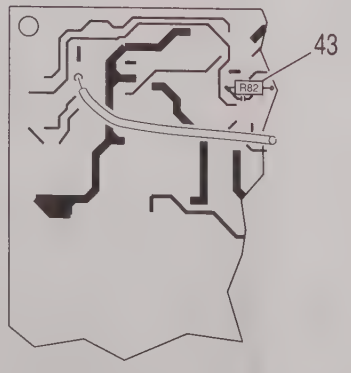
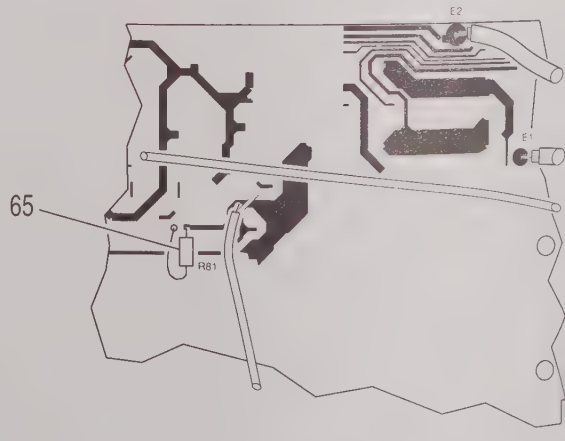
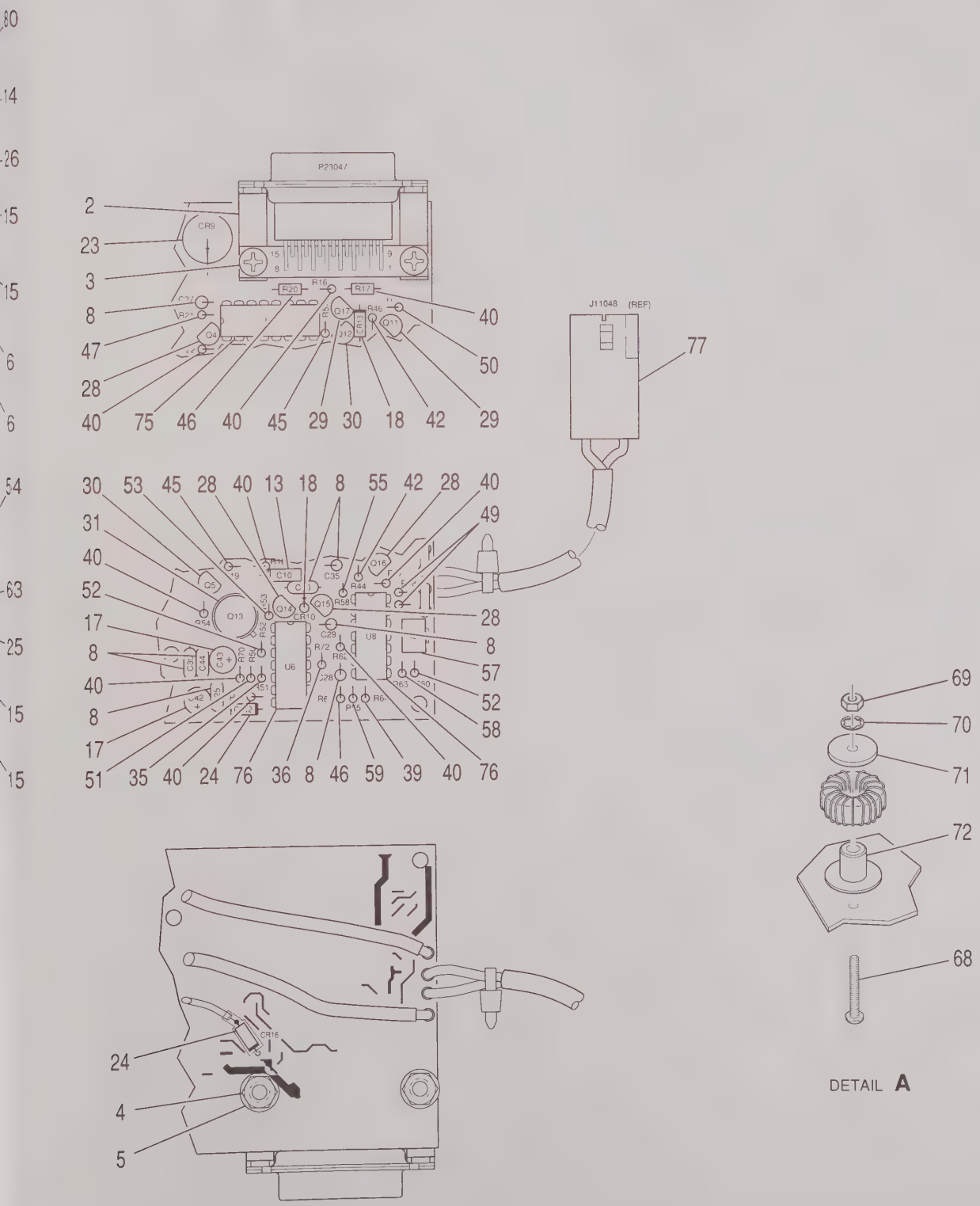
C41
R22
R23
C12
R73
R2


43
R82


E2
65
R81




POWER SUPPLY PC BOARD ASSEMBLY
FIGURE 7

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 7 - 1 | | 7010-8130-500 | POWER SUPPLY PC BOARD ASSEMBLY SEE FIG 6 FOR NHA | | REF |
| 2 | | 205867-1 | CONNECTOR, D-TYPE; (V00779), 2205-3510-103, P23047 ATTACHING PARTS | | 1 |
| 3 | | MS51957-14 | SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006 | | 2 |
| 4 | | MS35649-244 | NUT 4-40; (V96906), 2850-0000-008 | | 2 |
| 5 | | MS35333-70 | WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003 ---*--- | | 2 |
| 6 | | UPA1C331M | CAPACITOR 330 µF, 16 V; (V55680), 1580-3312-215, C14001, C14016, C14019, C14022, C14023, C14030, C14037, C14038 | | 8 |
| 7 | | 25MS710M | CAPACITOR 10 µF, 25 V; (VUNK048), 1580-1000-200, C14002 | | 1 |
| 8 | | C410C104M545CA | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C14003, C14006, C14013, C14025, C14026, C14027, C14028, C14029, C14035, C14039, C14040, C14044 | | 12 |
| 9 | | RPE121C0G332J 100V | CAPACITOR 3300 pF, 100 V; (V72982), 1506-0332-017, C14005, C14012 | | 2 |
| 10 | | SR151A470JAA | CAPACITOR 470 pF, 100 V; (V16299), 1506-0471-017, C14007, C14034 | | 2 |
| 11 | | TVX1E470MAA | CAPACITOR 47 µF, 25 V; (V55680), 1580-4700-215, C14008 | | 1 |
| 12 | | RPE121C0G102J 100V | CAPACITOR 1000 pF, 100 V; (V72982), 1506-0102-017, C14009, C14011, C14015 | | 3 |
| 13 | | 173D105X0035U | CAPACITOR 1 µF, 35 V; (V56289), 1507-0105-018, C14010 | | 1 |
| 14 | | 199D157X0016FE2 | CAPACITOR 150 µF, 15 V; (V56289), 1508-0157-020, C14017, C14020 | | 2 |
| 15 | | 199D226X0035EE2 | CAPACITOR 22 µF, 35 V; (V56289), 1508-0226-018, C14018, C14021, C14031, C14032 | | 4 |
| 16 | | SR151A221JAA | CAPACITOR 220 pF, 100 V; (V16299), 1506-0221-017, C14014 | | 1 |
| 17 | | USL1V4R7MCA | CAPACITOR 4.7 µF, 35 V; (V55680), 1580-4792-305, C14042, C14043 | | 2 |
| 18 | | JAN1N4148 | DIODE, SIGNAL; (V81349), 4815-0000-003, CR14001, CR14002, CR14010, CR14011, CR14013 | | 5 |
| 19 | | 80SQ045 | DIODE, RECT; (V59993), 4920-5158-450, CR14003, CR14014, CR14015 | | 3 |
| 20 | | RGP20D | DIODE, RECT; (V14936), 4818-0000-017, CR14004, CR14007 | | 2 |
| 21 | | JAN1N5245B | DIODE, ZENER 15 V; (V81349), 4901-5245-200, CR14005, CR14006 | | 2 |
| 22 | | IR80SQ030 | DIODE, RECT; (V59993), 4920-5158-300, CR14008 | | 1 |
| 23 | | 5KP50 | DIODE, SPIKE SUPPR; (V24444), 4945-0150-050, CR14009 | | 1 |
| 24 | | 5082-2800 | DIODE, S-BAR; (V54893), 4816-0000-001, CR14012, CR14016 | | 2 |
| 25 | | 251004 | FUSE, FAST BLO 4.0 A, 125 V; (V75915), 5106-0000-010, F14001 | | 1 |
| 26 | | 1800-5354-900 | INDUCTOR .085 mH @ 1 kHz, L14001, L14003, L14005, L14006, L14007 | | 5 |
| 27 | | 1025-92 | INDUCTOR 1 mH; (V99800), 1801-0102-001, L14008 | | 1 |
| 28 | | PN2222A | TRANSISTOR; (V27014), 4801-0000-001, Q14001, Q14004, Q14007, Q14014, Q14015, Q14016 | | 6 |
| 29 | | PN2907A | TRANSISTOR; (V06141), 4805-0000-001, Q14002, Q14006, Q14008, Q14011, Q14017 | | 5 |
| 30 | | JAN2N3905 | TRANSISTOR; (V81349), 4807-0000-002, Q14005, Q14012 | | 2 |
| 31 | | JAN2N2405 | TRANSISTOR; (V81349), 4801-0000-002, Q14013 | | 1 |
| 32 | | CP510HM10 | RESISTOR 5%, 5 W, .10 Ω; (V91637), 4709-0108-004, R14001 | | 1 |
| 33 | | RLR07C470JR | RESISTOR 5%, 1/4 W, 47 Ω; (V81349), 4702-0470-003, R14002 | | 1 |
| 34 | | RLR05C473JR | RESISTOR 5%, 1/8 W, 47 K; (V81349), 4701-0473-003, R14003 | | 1 |
| 35 | | RLR05C472JR | RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R14004, R14051, R14079 | | 3 |

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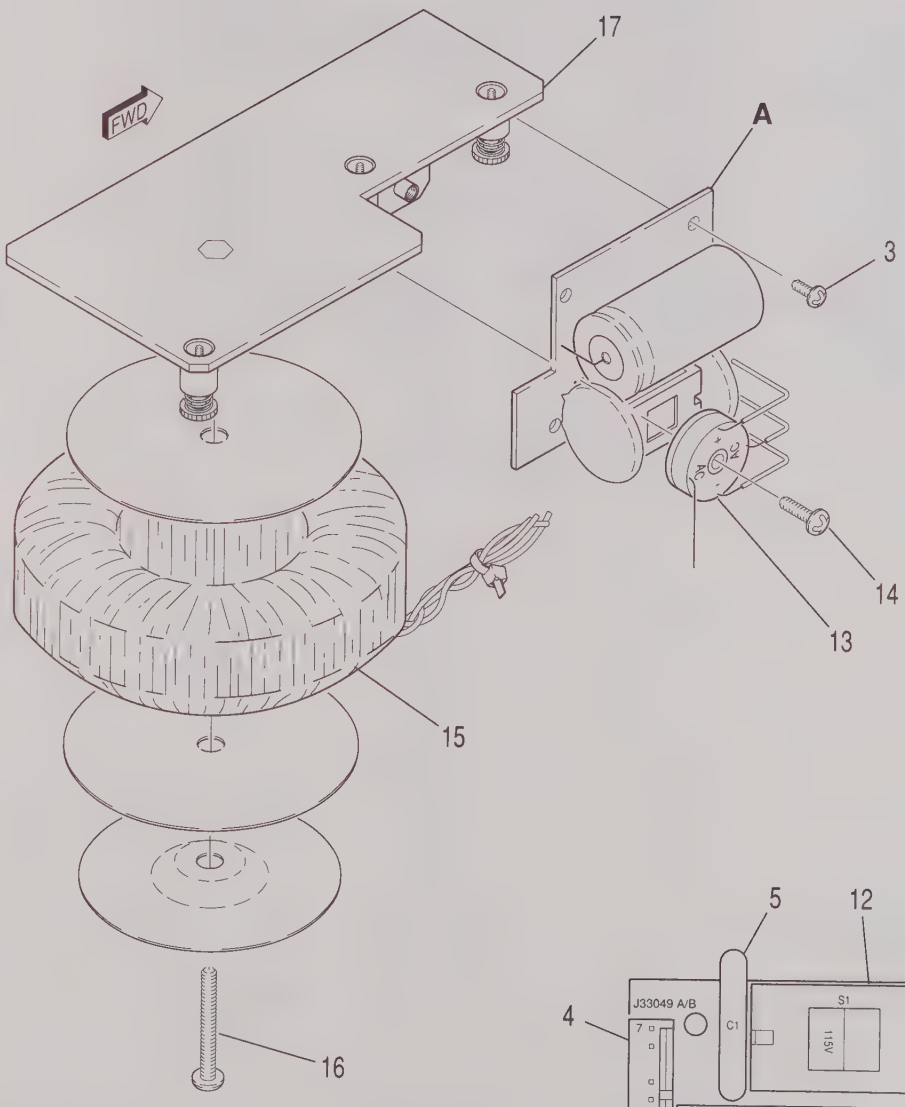
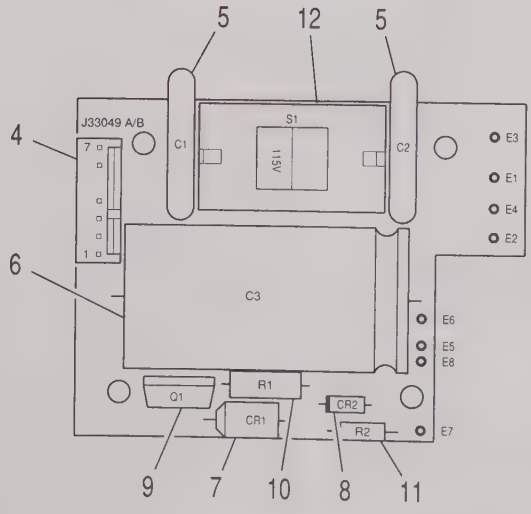
| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 7 | 36 | | RLR05C471JR | RESISTOR 5%, 1/8 W, 470 Ω; (V81349), 4701-0471-003, R14006, R14072 | | 2 |
| | 37 | | 4753-0202-002 | RESISTOR, VAR 2 K, R14007 | | 1 |
| | 38 | | RLR05C822JR | RESISTOR 5%, 1/8 W, 8.2 K; (V81349), 4701-0822-003, R14008 | | 1 |
| | 39 | | RLR05C101JR | RESISTOR 5%, 1/8 W, 100 Ω; (V81349), 4701-0101-003, R14009, R14064 | | 2 |
| | 40 | | RLR05C103JR | RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R14010, R14013, R14016, R14017, R14018, R14022, R14024, R14025, R14026, R14027, R14030, R14049, R14054, R14062, R14067, R14070, R14071 | | 17 |
| | 41 | | RLR05C270JR | RESISTOR 5%, 1/8 W, 27 Ω; (V81349), 4701-0270-003, R14011, R14029 | | 2 |
| | 42 | | RLR05C102JR | RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R14012, R14023, R14028, R14044, R14046, R14082 | | 6 |
| | 43 | | RLR05C100JR | RESISTOR 5%, 1/8 W, 10 Ω; (V81349), 4701-0100-003, R14014, R14032 | | 2 |
| | 44 | | RLR05C150JR | RESISTOR 5%, 1/8 W, 15 Ω; (V81349), 4701-0150-003, R14015 | | 1 |
| | 45 | | RLR05C104JR | RESISTOR 5%, 1/8 W, 100 K; (V81349), 4701-0104-003, R14019, R14057 | | 2 |
| | 46 | | RLR05C223JR | RESISTOR 5%, 1/8 W, 22 K; (V81349), 4701-0223-003, R14020, R14066 | | 2 |
| | 47 | | RLR05C153JR | RESISTOR 5%, 1/8 W, 15 K; (V81349), 4701-0153-003, R14021 | | 1 |
| | 48 | | RLR05C4R7JR | RESISTOR 5%, 1/8 W, 4.7 Ω; (V81349), 4701-0479-003, R14031 | | 1 |
| | 49 | | RLR05C221JR | RESISTOR 5%, 1/8 W, 220 Ω; (V81349), 4701-0221-003, R14033, R14034, R14068, R14069 | | 4 |
| | 50 | | RLR05C331JR | RESISTOR 5%, 1/8 W, 330 Ω; (V81349), 4701-0331-003, R14047 | | 1 |
| | 51 | | RLR05C333JR | RESISTOR 5%, 1/8 W, 33 K; (V81349), 4701-0333-003, R14050 | | 1 |
| | 52 | | RLR05C152JR | RESISTOR 5%, 1/8 W, 1.5 K; (V81349), 4701-0152-003, R14052, R14060 | | 2 |
| | 53 | | RLR05C181JR | RESISTOR 5%, 1/8 W, 180 Ω; (V81349), 4701-0181-003, R14053 | | 1 |
| | 54 | | RLR05C391JR | RESISTOR 5%, 1/8 W, 390 Ω; (V81349), 4701-0391-003, R14055 | | 1 |
| | 55 | | RLR05C224JR | RESISTOR 5%, 1/8 W, 220 K; (V81349), 4701-0224-003, R14058 | | 1 |
| | 56 | | RLR05C272JR | RESISTOR 5%, 1/8 W, 2.7 K; (V81349), 4701-0272-003, R14059 | | 1 |
| | 57 | | 4753-0102-002 | RESISTOR, VAR 1 K, R14061 | | 1 |
| | 58 | | RLR05C820JR | RESISTOR 5%, 1/8 W, 82 Ω; (V81349), 4701-0820-003, R14063 | | 1 |
| | 59 | | RLR05C182JR | RESISTOR 5%, 1/8 W, 1.8 K; (V81349), 4701-0182-003, R14065 | | 1 |
| | 60 | | 4756-2450-000 | RESISTOR, VAR 50 Ω, R14073 | | 1 |
| | 61 | | 4756-2510-400 | RESISTOR, VAR 100 K, R14074 | | 1 |
| | 62 | | RLR05C184JR | RESISTOR 5%, 1/8 W, 180 K; (V81349), 4701-0184-003, R14075 | | 1 |
| | 63 | | RLR05C682JR | RESISTOR 5%, 1/8 W, 6.8 K; (V81349), 4701-0682-003, R14078 | | 1 |
| | 64 | | RLR05C3R9JR | RESISTOR 5%, 1/8 W, 3.9 K; (V81349), 4701-0392-003, R14080 | | 1 |
| | 65 | | RLR07C331JR | RESISTOR 5%, 1/4 W, 330 Ω; (V81349), 4702-0331-003, R14081 | | 1 |
| | 66 | | 2H202 | THERMISTOR 2K; (V50157), 4800-0000-003, RT14001 | | 1 |

CONTINUED ON NEXT PAGE

| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 7 | 67 | | 5604-7401-100 | * | TRANSFORMER; T14001, T14002 | | 2 |
| | | | | | ATTACHING PARTS | | |
| | 68 | | MS51957-34 | | SCREW 6-32 X 1 PPHM; (V96906), 2804-1000-006 | | 1 |
| | 69 | | NAS671C6 | | NUT 6-32; (V80205), 2850-0000-002 | | 1 |
| | 70 | | MS35333-71 | | WASHER, LOCK INT TOOTH 6; (V96906), 2840-0000-001 | | 1 |
| | 71 | | 2840-7600-216 | | WASHER, FLAT PHENOLIC | | 1 |
| | 72 | | 2510-5064-301 | | HUB, MTG | | 1 |
| | | | | | ---*--- | | |
| | 73 | | 85931-6 | | POST, GANG; (V00779), 2114-0000-007, TP14001, TP14002 | | 2 |
| | 74 | | SG2526N | | IC, PWM CONT CRT; (V04713), 3135-0000-002, U14001, U14003 | | 2 |
| | 75 | | CD4027BCN | | IC, DUAL JK FLIP-FLOP; (V27014), 3133-0000-004, U14002 | | 1 |
| | 76 | | LM2901N | | IC, QUAD LOW PWR OFS CMPTR; (V27014), 3224-0010-100, U14006, U14008 | | 2 |
| | 77 | | 03-09-1022 | | CONNECTOR, POLARIZED; (V27264), 2115-0000-007, J11048 | | REF |
| - | 78 | | 02-09-1103 | | CONTACT, CONN 14 - 20 GA; (V27264), 2144-0000-020 | | REF |
| | 79 | | MTP30N08M | | TRANSISTOR; (V04713), 5050-2445-200, Q23001, Q23002 | | REF |
| | 80 | | LM2940CT12 | | IC, REGULATOR; (V27014), 5050-2402-100, U23004, U23005 | | REF |

NOTE: * T14001 IS MODIFIED PRIOR TO INSTALLATION, CONSULT APPLICABLE MAINTENANCE MANUAL FOR MODIFICATION PROCEDURE.

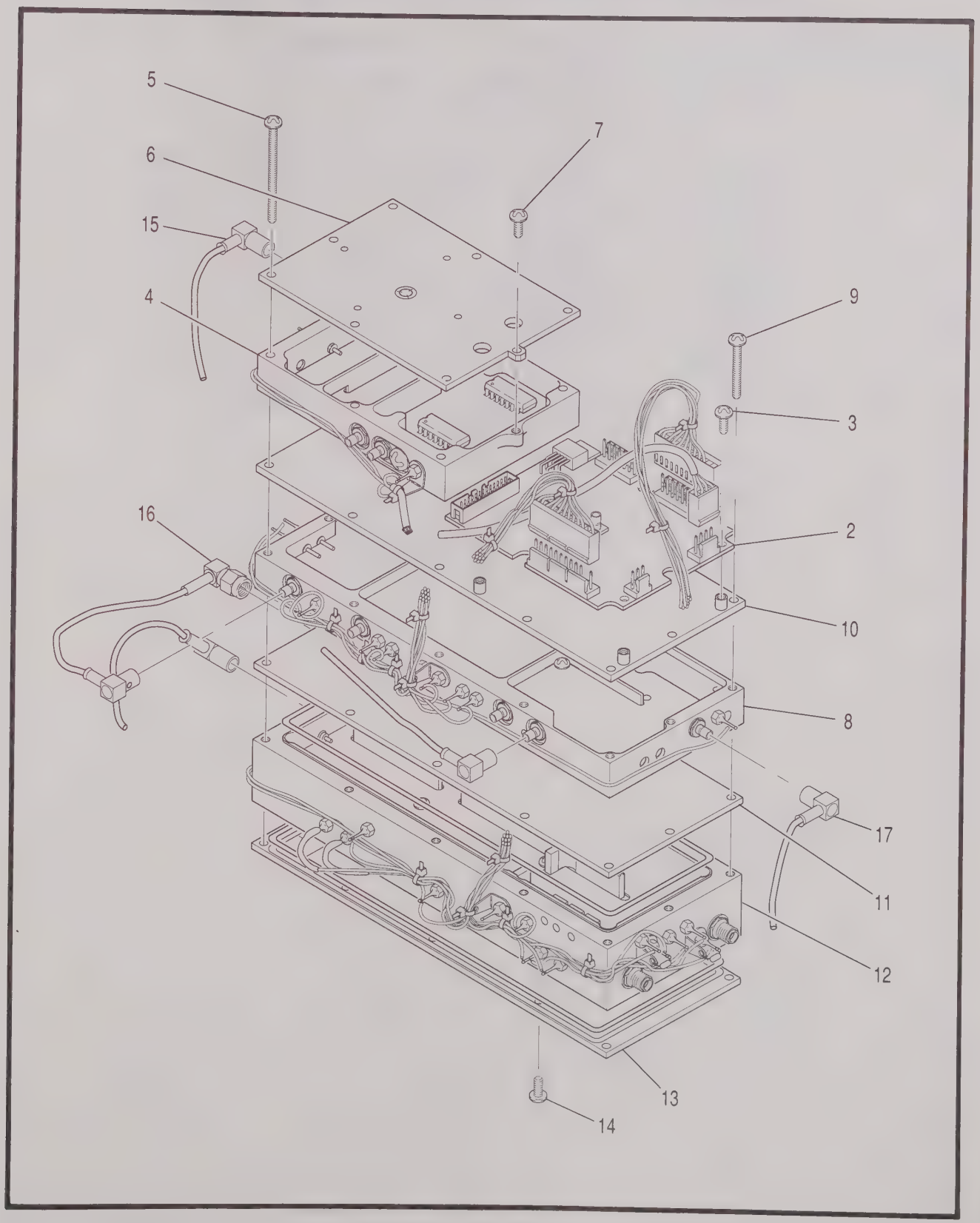



DETAIL **A**

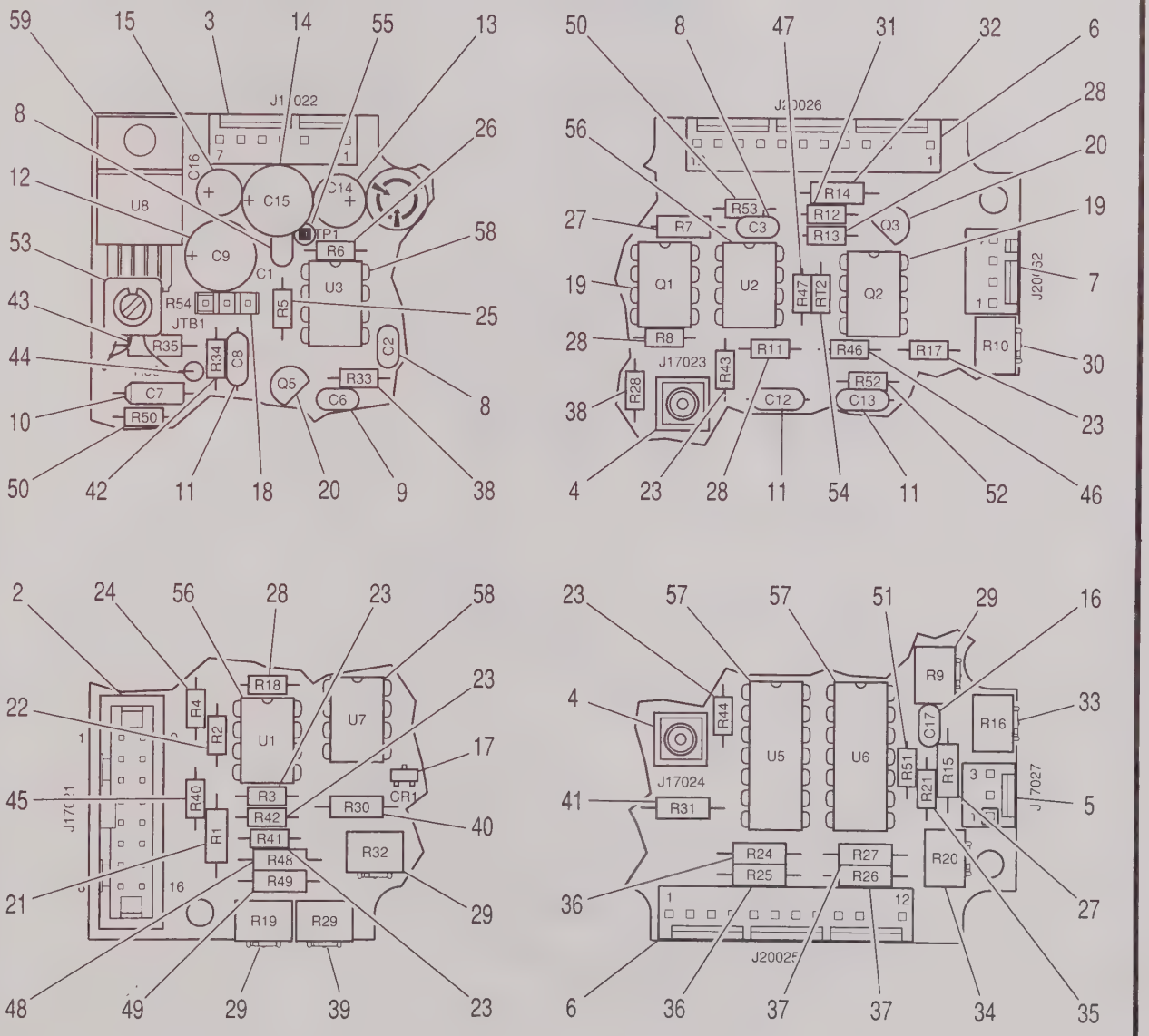
LINE SUPPLY ASSEMBLY
FIGURE 8

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 8 - 1 | | 7005-8141-800 | LINE SUPPLY ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | 7010-7430-400 | LINE SUPPLY PC BOARD ASSEMBLY | | 1 |
| | | | ATTACHING PARTS | | |
| 3 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 4 |
| | | | ---*--- | | |
| 4 | | 22-11-2072 | CONNECTOR, LOCKING; (V27264), 2115-0002-003, J33049A/B | | 1 |
| 5 | | DD104 | CAPACITOR .1 pF, 500 V; (V56699), 1501-0104-500, C15001, C15002 | | 2 |
| 6 | | TVX1V332MDA | CAPACITOR 3300 µF, 35 V; (V55680), 1580-3322-210, C15003 | | 1 |
| 7 | | NS2001 | DIODE, RECT 100 V, 2 A; (V21845), 4832-0000-001, CR15001 | | 1 |
| 8 | | JAN1N4752A | DIODE, ZENER 33 V; (V81349), 4901-4752-100, CR15002 | | 1 |
| 9 | | JAN2N6397 | TRANSISTOR; (V81349), 4822-0000-002, Q15001 | | 1 |
| 10 | | 22J50R | RESISTOR 5%, 2 W, 50 Ω; (V44655), 4705-0500-002, R15001 | | 1 |
| 11 | | RLR07C102JR | RESISTOR 5%, 1/4 W, 1 K; (V81349), 4702-0102-003, R15002 | | 1 |
| 12 | | EPS2PC1 | SWITCH, SLIDE; (V82389), 5135-2026-100, S15001 | | 1 |
| 13 | | PK10 | RECTIFIER, BRIDGE 100 V, 10 A; (V83701), 4823-0000-001, BR33001 | | 1 |
| | | | ATTACHING PARTS | | |
| 14 | | MS51957-28 | SCREW 6-32 X 3/8 PPHM; (V96906), 2804-0375-006 | | 1 |
| | | | ---*--- | | |
| 15 | | 5604-8100-003 | TRANSFORMER INCL MTG HARDWARE; T33001 | | 1 |
| | | | ATTACHING PARTS | | |
| 16 | | MS51958-67 | SCREW 10-32 X 1 PPHM; (V96906), 2809-1000-006 | | 1 |
| | | | ---*--- | | |
| 17 | | 1400-8152-500 | BRACKET ASSY, LINE SUPPLY | | 1 |




RF ASSEMBLY
FIGURE 9

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 9 - 1 | | 7005-8140-400 | RF ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | 7010-8130-900 | DRIVER PC BOARD ASSEMBLY SEE FIG 10 | | 1 |
| | | | ATTACHING PARTS | | |
| 3 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 4 |
| | | | ---*--- | | |
| 4 | | 7005-8141-000 | DETECTOR ASSEMBLY SEE FIG 11 | | 1 |
| | | | ATTACHING PARTS | | |
| 5 | | 2803-1750-006 | SCREW (4-40 X 1 3/4 PPHM) | | 7 |
| | | | ---*--- | | |
| 6 | | 1414-8550-700 | COVER, ENCLOSURE | | 1 |
| | | | ATTACHING PARTS | | |
| 7 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 1 |
| | | | ---*--- | | |
| 8 | | 7005-8141-100 | ANALOG IF ASSEMBLY SEE FIG 12 | | 1 |
| | | | ATTACHING PARTS | | |
| 9 | | MS51957-21 | SCREW 4-40 X 1 PPHM; (V96906), 2803-1000-006 | | 5 |
| | | | ---*--- | | |
| 10 | | 1414-8153-100 | COVER, ENCLOSURE | | 1 |
| 11 | | 1414-8150-400 | COVER, ENCLOSURE | | 1 |
| 12 | | 7005-8140-700 | SSB ASSEMBLY SEE FIG 14 | | 1 |
| 13 | | 1414-8150-500 | COVER, ENCLOSURE | | 1 |
| | | | ATTACHING PARTS | | |
| 14 | | MS51957-14 | SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006 | | 4 |
| | | | ---*--- | | |
| 15 | | 6050-0040-870 | CABLE ASSY, COAX FLEX | | 1 |
| 16 | | 6050-0560-400 | CABLE ASSY, COAX FLEX | | 1 |
| 17 | | 6050-0041-130 | CABLE ASSY, COAX FLEX | | 1 |

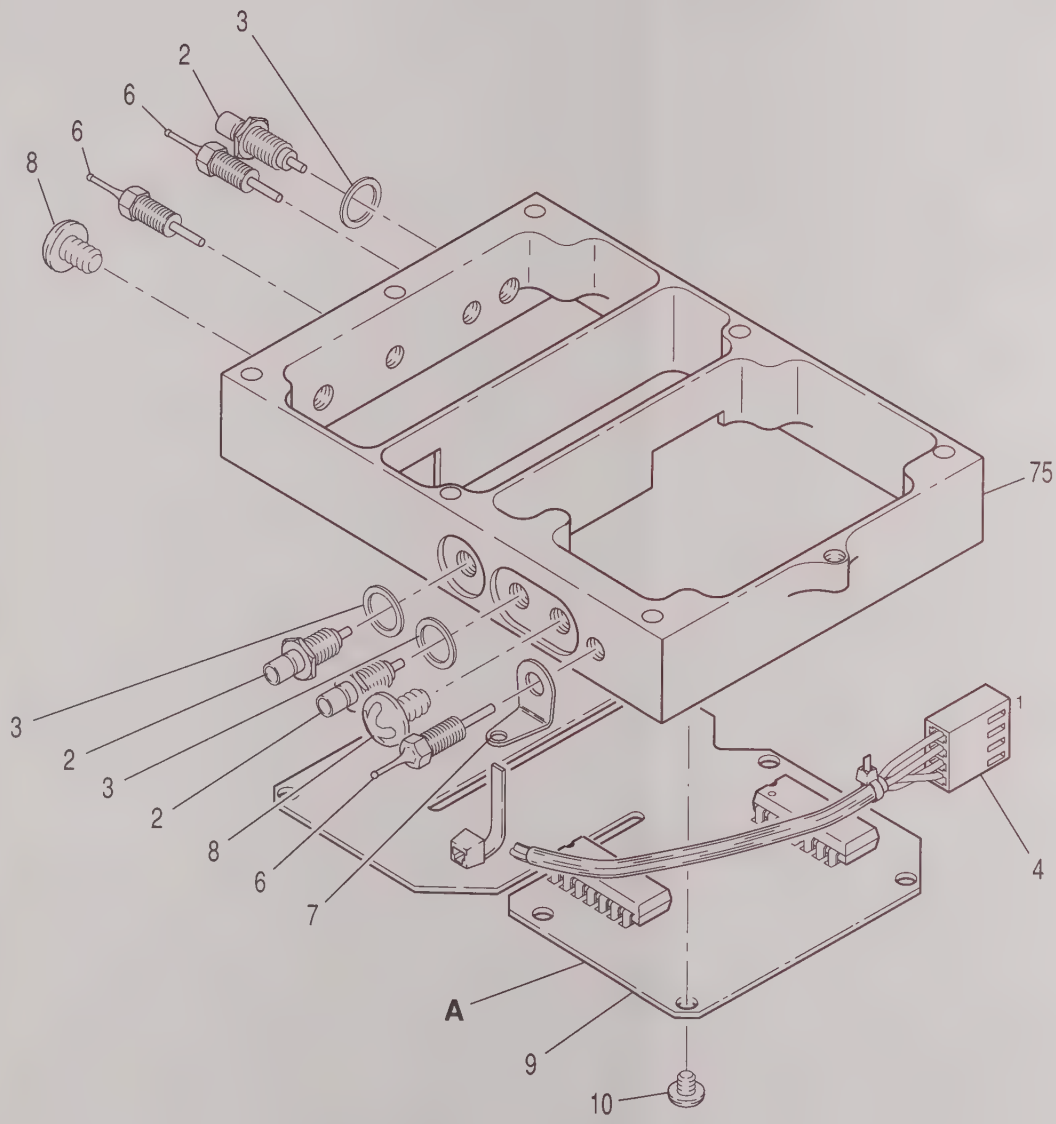



DRIVER PC BOARD ASSEMBLY
FIGURE 10

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 10 - 1 | | 7010-8130-900 | DRIVER PC BOARD ASSEMBLY SEE FIG 9 FOR NHA | | REF |
| 2 | | 3599-6002 | CONNECTOR, HEADER; (V75037), 2129-1001-016, J17021 | | 1 |
| 3 | | 22-11-2072 | CONNECTOR, LOCKING; (V27264), 2115-0002-003, J17022 | | 1 |
| 4 | | 2009-7511-000 | CONNECTOR, SMB; (V19505), 2200-2010-400, J17023, J17024 | | 2 |
| 5 | | 22-11-2032 | CONNECTOR, LOCKING; (V27264), 2115-0005-003, J17027 | | 1 |
| 6 | | 22-11-2122 | CONNECTOR, LOCKING; (V27264), 2115-0005-012, J20025, J20026 | | 2 |
| 7 | | 22-11-2042 | CONNECTOR, LOCKING; (V27264), 2115-0005-004, J20062 | | 1 |
| 8 | | SR151A470JAA | CAPACITOR 47 pF, 100 V; (V16299), 1506-0470-017, C20001, C20002, C20003 | | 3 |
| 9 | | SR151A680JAA | CAPACITOR 68 pF, 100 V; (V16299), 1506-0680-017, C20006 | | 1 |
| 10 | | 173D105X0035U | CAPACITOR 1 µF, 35 V; (V56289), 1507-0105-018, C20007 | | 1 |
| 11 | | C410C104M545CA | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C20008, C20012, C20013 | | 3 |
| 12 | | 199D157X0016F E2 | CAPACITOR 150 µF, 15 V; (V56289), 1508-0157-020, C20009 | | 1 |
| 13 | | 199D336X9016D A1 | CAPACITOR 33 µF, 16 V; (V56289), 1605-3360-475, C20014 | | 1 |
| 14 | | 199D476X0033F E2 | CAPACITOR 47 µF, 35 V; (V56289), 1508-0476-018, C20015 | | 1 |
| 15 | | 25MS710M | CAPACITOR 10 µF, 25 V; (VUNK048), 1580-1000-200, C20016 | | 1 |
| 16 | | RPE121COG101J 100V | CAPACITOR 100 pF, 100 V; (V72982), 1506-0101-017, C20017 | | 1 |
| 17 | | HSMS2800 | DIODE, S-BAR; (V54893), 4816-0000-005, CR20001 | | 1 |
| 18 | | 22-10-2021 | CONNECTOR, WAFER; (V27264), 2115-1005-002, JTB20001 | | 1 |
| 19 | | LM394N | TRANSISTOR; (V27014), 4809-0000-030, Q20001, Q20002 | | 2 |
| 20 | | JAN2N3903 | TRANSISTOR; (V81349), 4807-0000-001, Q20003, Q20005 | | 2 |
| 21 | | RLR07C472JR | RESISTOR 5%, 1/4 W, 4.7 K; (V81349), 4702-0472-003, R20001 | | 1 |
| 22 | | RLR05C824JR | RESISTOR 5%, 1/8 W, 820 K; (V81349), 4701-0824-003, R20002 | | 1 |
| 23 | | RLR05C103JR | RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R20003, R20017, R20041, R20042, R20043, R20044 | | 6 |
| 24 | | RLR05C104JR | RESISTOR 5%, 1/8 W, 100 K; (V81349), 4701-0104-003, R20004 | | 1 |
| 25 | | RLR05C473JR | RESISTOR 5%, 1/8 W, 47 K; (V81349), 4701-0473-003, R20005 | | 1 |
| 26 | | RLR05C3R9JR | RESISTOR 5%, 1/8 W, 3.9 K; (V81349), 4701-0392-003, R20006 | | 1 |
| 27 | | RLR07C1000FR | RESISTOR 1%, 1/4 W, 100 Ω; (V81349), 4706-1000-001, R20007, R20015 | | 2 |
| 28 | | RLR05C222JR | RESISTOR 5%, 1/8 W, 2.2 K; (V81349), 4701-0222-003, R20008, R20011, R20013, R20018 | | 4 |
| 29 | | 4753-0503-002 | RESISTOR, VAR 50 K, R20009, R20019, R20032 | | 3 |
| 30 | | 4753-0204-002 | RESISTOR, VAR 200 K, R20010 | | 1 |
| 31 | | RLR05C223JR | RESISTOR 5%, 1/8 W, 22 K; (V81349), 4701-0223-003, R20012 | | 1 |
| 32 | | RLR07C222JR | RESISTOR 5%, 1/4 W, 2.2 K; (V81349), 4702-0222-003, R20014 | | 1 |
| 33 | | 4753-0502-002 | RESISTOR, VAR 5 K, R20016 | | 1 |
| 34 | | 4756-2510-400 | RESISTOR, VAR 100 K, R20020 | | 1 |
| 35 | | RLR05C471JR | RESISTOR 5%, 1/8 W, 470 Ω; (V81349), 4701-0471-003, R20021 | | 1 |
| 36 | | RLR07C470JR | RESISTOR 5%, 1/4 W, 47 Ω; (V81349), 4702-0470-003, R20024, R20025 | | 2 |
| 37 | | RLR07C121JR | RESISTOR 5%, 1/4 W, 120 Ω; (V81349), 4702-0121-003, R20026, R20027 | | 2 |
| 38 | | RLR05C184JR | RESISTOR 5%, 1/8 W, 180 K; (V81349), 4701-0184-003, R20028, R20033 | | 2 |

CONTINUED ON NEXT PAGE

| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 10 | 39 | | 3339W1-103 | RESISTOR, VAR 10 K; (V32997), 4756-3110-300, R20029 | | 1 |
| | 40 | | RLR07C273JR | RESISTOR 5%, 1/4 W, 27 K; (V81349), 4702-0273-003, R20030 | | 1 |
| | 41 | | RLR07C471JR | RESISTOR 5%, 1/4 W, 470 Ω; (V81349), 4702-0471-003, R20031 | | 1 |
| | 42 | | RLR05C474JR | RESISTOR 5%, 1/8 W, 470 K; (V81349), 4701-0474-003, R20034 | | 1 |
| | 43 | | RLR07C2802FR | RESISTOR 1%, 1/4 W, 28.0 K; (V81349), 4706-2802-001, R20035 | | 1 |
| | 44 | | RLR07C224JR | RESISTOR 5%, 1/4 W, 220 K; (V81349), 4702-0224-003, R20036 | | 1 |
| | 45 | | RLR05C822JR | RESISTOR 5%, 1/8 W, 8.2 K; (V81349), 4701-0822-003, R20040 | | 1 |
| | 46 | | RLR05C272JR | RESISTOR 5%, 1/8 W, 2.7 K; (V81349), 4701-0272-003, R20046 | | 1 |
| | 47 | | RLR05C183JR | RESISTOR 5%, 1/8 W, 18 K; (V81349), 4701-0183-003, R20047 | | 1 |
| | 48 | | RLR07C2051FR | RESISTOR 1%, 1/4 W, 2.05 K; (V81349), 4706-2051-001, R20048 | | 1 |
| | 49 | | RLR07C2611FR | RESISTOR 1%, 1/4 W, 2.61 K; (V81349), 4706-2611-001, R20049 | | 1 |
| | 50 | | RLR05C100JR | RESISTOR 5%, 1/8 W, 10 Ω; (V81349), 4701-0100-003, R20050, R20053 | | 2 |
| | 51 | | RLR05C152JR | RESISTOR 5%, 1/8 W, 1.5 K; (V81349), 4701-0152-003, R20051 | | 1 |
| | 52 | | RLR05C273JR | RESISTOR 5%, 1/8 W, 27 K; (V81349), 4701-0273-003, R20052 | | 1 |
| | 53 | | 4753-0203-002 | RESISTOR, VAR 20 K, R20054 | | 1 |
| | 54 | | 2H202 | THERMISTOR 2K; (V50157), 4800-0000-003, RT20002 | | 1 |
| | 55 | | 85931-6 | POST, GANG; (V00779), 2114-0000-007, TP20001 | | 1 |
| | 56 | | TL287IP | IC, J-FET OP AMP; (V01295), 3135-0000-080, U20001, U20002, U20003 | | 3 |
| | 57 | | MC74AC00N | IC, QUAD 2-INP NAND; (V04713), 3132-0300-001, U20005, U20006 | | 2 |
| | 58 | | CA3130E | IC, BIMOS OP AMP; (V02735), 3133-0000-024, U20007 | | 1 |
| | 59 | | LM2931CT | IC, ADJ DROPOUT REGULATOR; (V27014), 3224-0009-000, U20008 | | 1 |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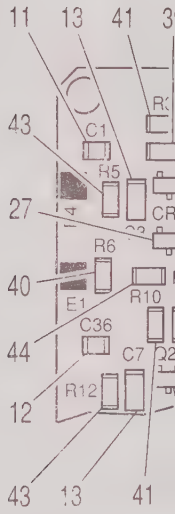
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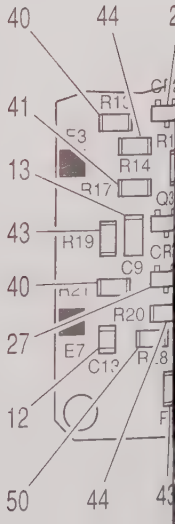
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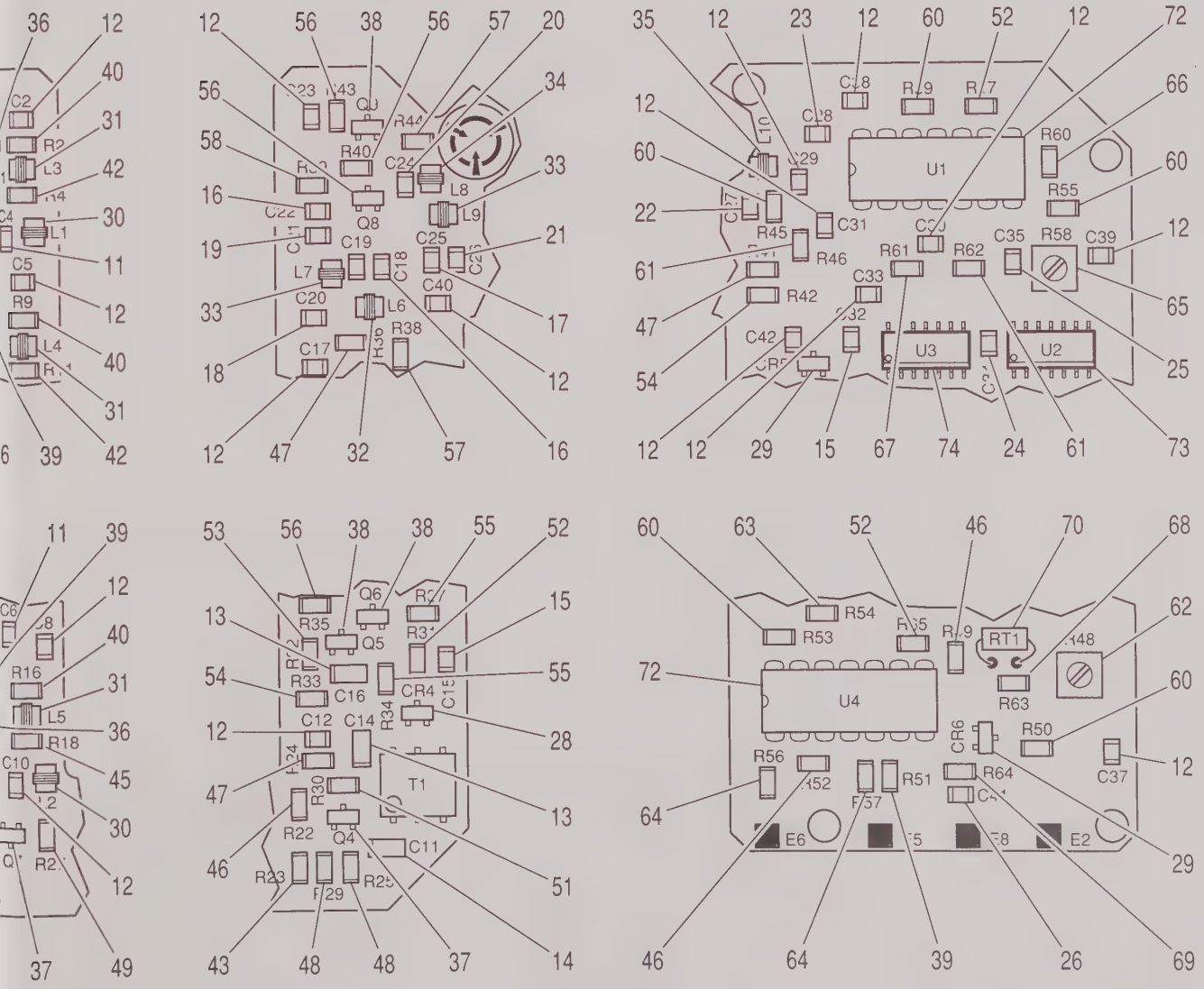
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11 39 12 40 31 36 45 30 12 37 49
53 56 38 38 55 52 15 55 28 13 51 14 43 48 48 37
60 63 52 46 70 68 62 60 12 29 69 46 64 39 26

DETAIL **A**

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 11 - 1 | | 7005-8141-000 | DETECTOR ASSEMBLY SEE FIG 9 FOR NHA | | REF |
| 2 | | 2019-7511-000 | CONNECTOR, SMB; (V19505), 2123-0000-038, J17030, J17031, J32032 | | 3 |
| 3 | | 2840-7600-229 | WASHER, FLAT | | 3 |
| 4 | | 22-01-2047 | CONNECTOR, LOCKING; (V27264), 2115-0004-004, P20062 | | 1 |
| - 5 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 4 |
| 6 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006, FL32012, FL32013, FL32014 | | 3 |
| 7 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 1 |
| 8 | | MS51958-58 | SCREW 10-32 X 3/16 PPHM; (V96906), 2809-0188-006 | | 2 |
| 9 | | 7010-8531-000 | DETECTOR PC BOARD ASSEMBLY | | 1 |
| | | | ATTACHING PARTS | | |
| 10 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 7 |
| | | | ---*--- | | |
| 11 | | 12061A331JAT0 50L | CAPACTIOR 330 pF, 50 V; (V16299), 1622-0331-001, C21001, C21004, C21006 | | 3 |
| 12 | | 12065C104KAT0 50B | CAPACITOR .1 µF, 50 V; (V16299), 1622-0104-001, C21002, C21005, C21008, C21010, C21012, C21013, C21017, C21023, C21029, C21030, C21031, C21033, C21036, C21037, C21038, C21039, C21040, C21042 | | 18 |
| 13 | | 293D105X9016A2 | CAPACITOR 1.0 µF, 16 V; (V56289), 1618-0105-016, C21003, C21007, C21009, C21014, C21016 | | 5 |
| 14 | | 293D224X9016A2 | CAPACITOR .22 µF, 16 V; (V56289), 1618-0224-016, C21011 | | 1 |
| 15 | | 12061A150JAT0 50L | CAPACITOR 15 pF, 100 V; (V16299), 1622-0150-001, C21015, C21032 | | 2 |
| 16 | | 12061A680JAT0 50B | CAPACITOR 68 pF, 100V; (V16299), 1622-0680-001, C21018, C21022 | | 2 |
| 17 | | 12061A391JAT0 50L | CAPACITOR 390 pF, 100 V; (V16299), 1622-0391-001, C21019, C21025 | | 2 |
| 18 | | 12061A330JAT0 50L | CAPACITOR 33 pF, 100 V; (V16299), 1622-0330-001, C21020 | | 1 |
| 19 | | 12061A821JAT0 50L | CAPACITOR 820 pF, 50 V; (V16299), 1622-0821-001, C21021 | | 1 |
| 20 | | 12061A121JAT0 50L | CAPACITOR 120 pF, 100 V; (V16299), 1622-0121-001, C21024 | | 1 |
| 21 | | 12061A390JAT0 50L | CAPACTIOR 39 pF, 100 V; (V16299), 1622-0390-001, C21026 | | 1 |
| 22 | | 12061A561JAT0 50L | CAPACITOR 560 pF, 100 V; (V16299), 1622-0561-001, C21027 | | 1 |
| 23 | | 12065A102JAT0 50B | CAPACITOR 1000 pF, 50 V; (V16299), 1622-0102-001, C21028 | | 1 |
| 24 | | 12065C103KAT0 50B | CAPACITOR .01 µF, 50 V; (V16299), 1622-0103-001, C21034 | | 1 |
| 25 | | 12065A560JAT0 50L | CAPACITOR 56 pF, 50 V; (V16299), 1622-0560-001, C21035 | | 1 |
| 26 | | GRM42-6COG101 J100BB | CAPACITOR 100 pF, 50 V; (V72982), 1622-0101-001, C21041 | | 1 |
| 27 | | HSMS2813 | DIODE, S-BAR; (V54893), 4816-0000-008, CR21001, CR21002, CR21003 | | 3 |
| 28 | | HSMS2804 | DIODE, S-BAR; (V54893), 4816-0000-019, CR21004 | | 1 |
| 29 | | HSMS2800 | DIODE, S-BAR; (V54893), 4816-0000-005, CR21005, CR21006 | | 2 |
| 30 | | 1008LS103XK2B | INDUCTOR 10 µH; (V02113), 1811-6103-101, L21001, L21002 | | 2 |
| 31 | | 1008LS562XK2B | INDUCTOR 5.6 µH; (V02113), 1811-6562-101, L21003, L21004, L21005 | | 3 |
| 32 | | 1008CS561XK2B | INDUCTOR .56 µH; (V02113), 1811-6561-001, L21006 | | 1 |
| 33 | | 1008CS122XJ2B | INDUCTOR 1.2 µH; (V02113), 1811-6122-001, L21007, L21009 | | 2 |
| 34 | | 1008CS681XK2B | INDUCTOR .68 µH; (V02113), 1811-6681-001, L21008 | | 1 |
| 35 | | 1008CS222XK2B | INDUCTOR 2.2 µH; (V02113), 1811-6222-001, L21010 | | 1 |

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| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 11 | 36 | | MMBTH10L | | TRANSISTOR; (V04713), 4809-0000-014, Q21001, Q21002, Q21003 | | 3 |
| | 37 | | MMBR5179L | | TRANSISTOR; (V04713), 4809-0000-023, Q21004, Q21007 | | 2 |
| | 38 | | MMBT3904L | | TRANSISTOR; (V04713), 4809-0000-021, Q21005, Q21006, Q21008, Q21009 | | 4 |
| | 39 | | RK73H2B1000F | | RESISTOR 1%, 1/8 W, 1 K; (V59124), 4722-1000-001, R21001, R21008, R21015, R21051 | | 4 |
| | 40 | | RK73H2B1502F | | RESISTOR 1%, 1/8 W, 15.0 K; (V59124), 4722-1502-001, R21002, R21006, R21009, R21013, R21016, R21021 | | 6 |
| | 41 | | RK73H2B8251F | | RESISTOR 1%, 1/8 W, 8.25 K; (V59124), 4722-8251-001, R21003, R21010, R21017 | | 3 |
| | 42 | | RK73H2B4750F | | RESISTOR 1%, 1/8 W, 475 Ω; (V59124), 4722-4750-001, R21004, R21011 | | 2 |
| | 43 | | RK73H2B3920F | | RESISTOR 1%, 1/8 W, 392 Ω; (V59124), 4722-3920-001, R21005, R21012, R21019, R21026 | | 4 |
| | 44 | | RK73H2B4751F | | RESISTOR 1%, 1/8 W, 4.75 K; (V59124), 4722-4751-001, R21007, R21014, R21020 | | 3 |
| | 45 | | RK73H2B1821F | | RESISTOR 1%, 1/8 W, 1.82 K; (V59124), 4722-1821-001, R21018 | | 1 |
| | 46 | | RK73H2B2211F | | RESISTOR 1%, 1/8 W, 2.21 K; (V59124), 4722-2211-001, R21022, R21023, R21049, R21052 | | 4 |
| | 47 | | RK73H2B47R5F | | RESISTOR 1%, 1/8 W, 47.5 Ω; (V59124), 4722-4759-001, R21024, R21036, R21041 | | 3 |
| | 48 | | RK73H2B3650F | | RESISTOR 1%, 1/8 W, 365 Ω; (V59124), 4722-3650-001, R21025, R21029 | | 2 |
| | 49 | | RK73H2B56R2F | | RESISTOR 1%, 1/8 W, 56.2 Ω; (V59124), 4722-5629-001, R21027 | | 1 |
| | 50 | | RK73H2B33R2F | | RESISTOR 1%, 1/8 W, 33.2 Ω; (V59124), 4722-3329-001, R21028 | | 1 |
| | 51 | | RK73H2B1503F | | RESISTOR 1%, 1/8 W, 150 K; (V59124), 4722-1503-001, R21030 | | 1 |
| | 52 | | RK73H2B1002F | | RESISTOR 1%, 1/8 W, 10.0 K; (V59124), 4722-1002-001, R21031, R21047, R21065 | | 3 |
| | 53 | | RK73H2B3921F | | RESISTOR 1%, 1/8 W, 3.92 K; (V59124), 4722-3921-001, R21032 | | 1 |
| | 54 | | RK73H2B3321F | | RESISTOR 1%, 1/8 W, 3.32 K; (V59124), 4722-3321-001, R21033 | | 1 |
| | 55 | | RK73H2B3320F | | RESISTOR 1%, 1/8 W, 332 K; (V59124), 4722-3320-001, R21034, R21037 | | 2 |
| | 56 | | RK73H2B1500F | | RESISTOR 1%, 1/8 W, 150 Ω; (V59124), 4722-1500-001, R21035, R21040, R21043 | | 3 |
| | 57 | | RK73H2V46R4F | | RESISTOR 1%, 1/8 W, 46.4 Ω; (V59124), 4722-4649-001, R21038, R21044 | | 2 |
| | 58 | | RK73H2B4320F | | RESISTOR 1%, 1/8 W, 432 Ω; (V59124), 4722-4320-001, R21039 | | 1 |
| | 59 | | RK73H2B2740F | | RESISTOR 1%, 1/8 W, 274 Ω; (V59124), 4722-2740-001, R21042 | | 1 |
| | 60 | | RK73H2B2210F | | RESISTOR 1%, 1/8 W, 221 Ω; (V59124), 4722-2210-001, R21045, R21050, R21053, R21055, R21059 | | 5 |
| | 61 | | RK73H2B6811F | | RESISTOR 1%, 1/8 W, 6.81 K; (V59124), 4722-6811-001, R21046, R21062 | | 2 |
| | 62 | | 3314G1-503E | | RESISTOR, VAR 50 K; (V57921), 4749-0503-005, R21048 | | 1 |
| | 63 | | RK73H2B1001F | | RESISTOR 1%, 1/8 W, 1.0 K; (V59124), 4722-1001-001, R21054 | | 1 |
| | 64 | | RK73H2B39R2F | | RESISTOR 1%, 1/8 W, 39.2 Ω; (V59124), 4722-3929-001, R21056, R21057 | | 2 |
| | 65 | | 3314G1-103E | | RESISTOR, VAR 10 K; (V57921), 4749-0103-005, R21058 | | 1 |
| | 66 | | RK73H2B3653F | | RESISTOR 1%, 1/8 W, 365 K; (V59124), 4722-3653-001, R21060 | | 1 |
| | 67 | | RK73H2B1403F | | RESISTOR 1%, 1/8 W, 140 K; (V59124), 4722-1403-001, R21061 | | 1 |

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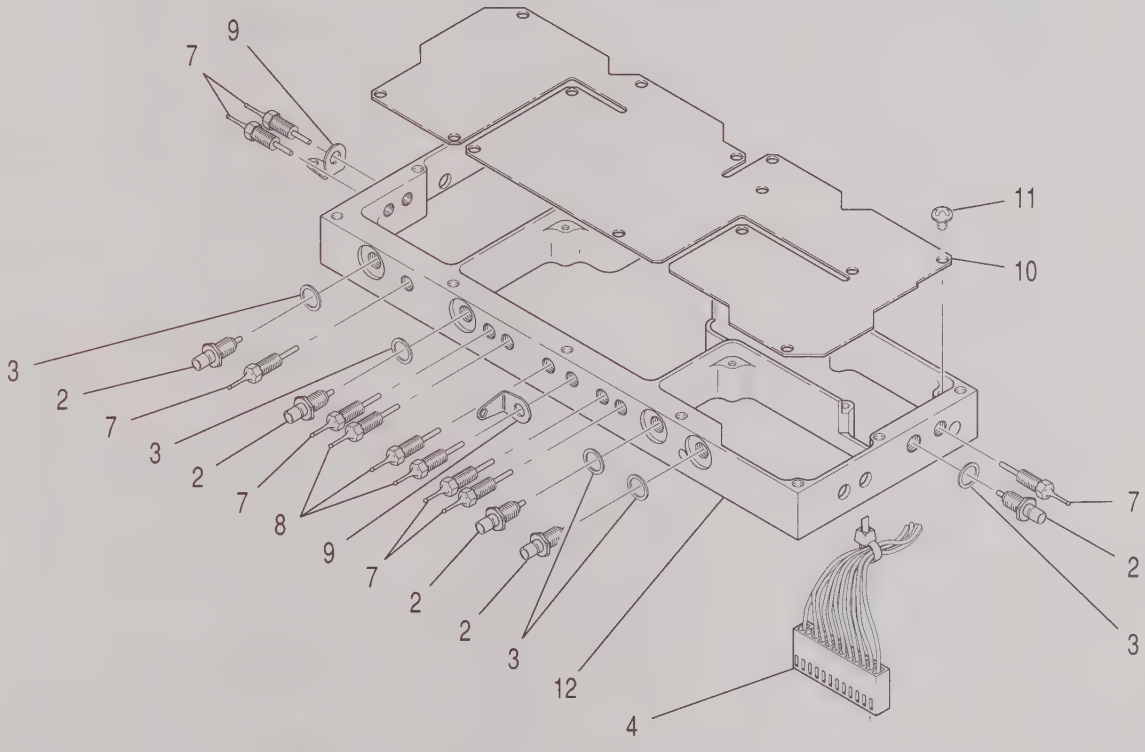
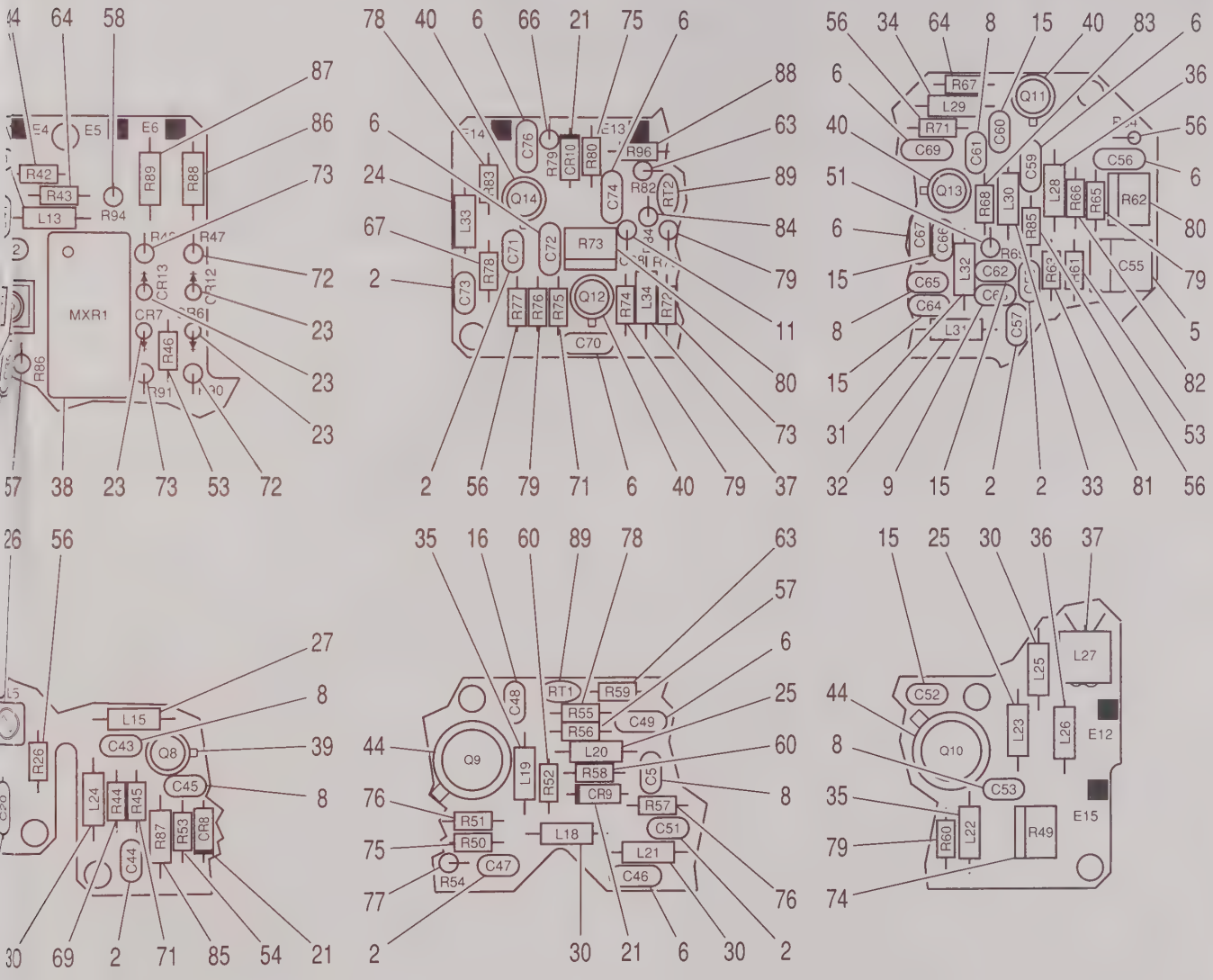
| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 11 | 68 | | RK73H2B1651F | RESISTOR 1%, 1/8 W, 1.65 K; (V59124), 4722-1651-001, R21063 | | 1 |
| | 69 | | RK73H2B8250F | RESISTOR 1%, 1/8 W, 825 Ω; (V59124), 4722-8250-001, R21064 | | 1 |
| | 70 | | 2H202 | THERMISTOR 2K; (V50157), 4800-0000-003, RT21001 | | 1 |
| | 71 | | T4-1X65 | TRANSFORMER; (V15542), 5604-8100-001, T21001 | | 1 |
| | 72 | | LM219J14A | IC, DUAL CMPTR; (V27014), 3223-0219-000, U21001, U21004 | | 2 |
| | 73 | | MC74AC74D | IC, DUAL D FLIP-FLOP; (V04713), 3210-7474-000, U21002 | | 1 |
| | 74 | | MC74AC00D | IC, QUAD 2-INP NAND; (V04713), 3210-7400-000, U21003 | | 1 |
| | 75 | | 1415-8553-000 | ENCLOSURE, BLOCK | | 1 |




ANALOG IF ASSEMBLY
FIGURE 12

# ILLUSTRATED PARTS LIST

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 12 - 1 | | 7005-8141-100 | ANALOG IF ASSEMBLY SEE FIG 9 FOR NHA | | REF |
| 2 | | 2019-7511-000 | CONNECTOR, SMB; (V19505), 2123-0000-038, J17034, J17035, J19033, J19036, J19060 | | 5 |
| | | | ATTACHING PARTS | | |
| 3 | | 2840-7600-229 | WASHER, FLAT | | 1 |
| | | | ---*--- | | |
| 4 | | 22-01-2127 | CONNECTOR, LOCKING; (V27264), 2115-0004-012, P20025 | | 1 |
| - 5 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 11 |
| - 6 | | 15-04-9209 | KEY, POLARIZING CONN; (V27264), 2127-9900-100 | | 1 |
| 7 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006, FL19001, FL19005, FL19006, FL19007, FL19008, FL19010, FL19011 | | 7 |
| 8 | | 54-713-001-10 1M | FILTER, FEEDTHRU 1000 pF; (V33095), 1526-0000-006, FL19002, FL19003, FL19004 | | 3 |
| 9 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 2 |
| 10 | | 7010-8131-100 | ANALOG IF PC BOARD ASSEMBLY SEE FIG 13 | | 1 |
| | | | ATTACHING PARTS | | |
| 11 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 14 |
| | | | ---*--- | | |
| 12 | | 1415-8150-600 | ENCLOSURE, BLOCK | | 1 |




ANALOG IF PC BOARD ASSEMBLY
FIGURE 13

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 13 - 1 | | 7010-8131-100 | | ANALOG IF PC BOARD ASSEMBLY SEE FIG 12 FOR NHA | | REF |
| 2 | | C052K103K1X5CA | | CAPACITOR .01 µF, 100 V; (V61637), 1506-0103-017, C22001, C22009, C22010, C22015, C22028, C22032, C22044, C22047, C22051, C22057, C22058, C22071, C22073, C22077 | | 14 |
| 3 | | SR151A330JAA | | CAPACITOR 33 pF, 100 V; (V16299), 1506-0330-017, C22002 | | 1 |
| 4 | | SR151A270JAA | | CAPACITOR 27 pF, 100 V; (V16299), 1506-0270-017, C22003 | | 1 |
| 5 | | TZ03Z500YR | | CAPACITOR, VAR 6 - 50 pF; (V72982), 1550-0006-500, C22004, C22055 | | 2 |
| 6 | | RPE121C0G102J 100V | | CAPACITOR 1000 pF, 100 V; (V72982), 1506-0102-017, C22005, C22013, C22014, C22017, C22021, C22027, C22029, C22030, C22031, C22033, C22035, C22046, C22049, C22056, C22059, C22067, C22069, C22070, C22072, C22074, C22076 | | 21 |
| 7 | | SR151A181JAA | | CAPACITOR 150 pF, 100 V; (V16299), 1506-0151-017, C22006, C22007 | | 2 |
| 8 | | RPE121C0G101J 100V | | CAPACITOR 100 pF, 100 V; (V72982), 1506-0101-017, C22008, C22011, C22012, C22037, C22041, C22043, C22045, C22050, C22053, C22061, C22065 | | 11 |
| 9 | | SR151A331JAA | | CAPACITOR 330 pF, 100 V; (V16299), 1506-0331-017, C22016, C22039, C22063 | | 3 |
| 10 | | SR201A681JAA | | CAPACITOR 680 pF, 100 V; (V16299), 1506-0681-017, C22018, C22019 | | 2 |
| 11 | | C410C104M545CA | | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C22020, C22034, C22068, C22081 | | 4 |
| 12 | | SR151A680JAA | | CAPACITOR 68 pF, 100 V; (V16299), 1506-0680-017, C22022, C22024, C22025 | | 3 |
| 13 | | SR151A2R2JAA | | CAPACITOR 2.2 pF, 100 V; (V16299), 1506-0020-017, C22023 | | 1 |
| 14 | | C320C220J2G5CA | | CAPACITOR 22 pF, 200 V; (V61637), 1506-0220-017, C22026 | | 1 |
| 15 | | SR151A181JAA | | CAPACITOR 180 pF, 100 V; (V16299), 1506-0181-017, C22036, C22038, C22040, C22042, C22060, C22062, C22064, C22066 | | 8 |
| 16 | | SR151A390JAA | | CAPACITOR 39 pF, 100 V; (V16299), 1506-0390-017, C22048, C22052 | | 2 |
| 17 | | 173D105X0035U | | CAPACITOR 1 µF, 35 V; (V56289), 1507-0105-018, C22079 | | 1 |
| 18 | | GRM42-6C0G2R0 B050BB | * | CAPACITOR 2.0 pF, 50 V; (V72982), 1622-0020-001, C22080 | | 1 |
| 19 | | LM335H | | IC, TEMP SENSOR; (V27014), 3223-0006-000, CR22001 | | 1 |
| 20 | | BB409 | | DIODE, VARACTOR; (V59756), 4930-0100-200, CR22002 | | 1 |
| 21 | | JAN1N4148 | | DIODE, SIGNAL; (V81349), 4815-0000-003, CR22003, CR22008, CR22009, CR22010, CR22011 | | 5 |
| 22 | | 5082-2800 | | DIODE, S-BAR; (V54893), 4816-0000-001, CR22004, CR22005 | | 2 |
| 23 | | 5082-2835 | | DIODE, S-BAR; (V54893), 4816-0000-003, CR22006, CR22007, CR22012, CR22013 | | 4 |
| 24 | | 1025-36 | | INDUCTOR 4.7 µH; (V99800), 1801-0479-001, L22001, L22033 | | 2 |
| 25 | | 1025-18 | | INDUCTOR .82 µH, .85 Ω; (V99800), 1801-0828-001, L22002, L22020, L22023 | | 3 |
| 26 | | 294SNT1009Z | | INDUCTOR, VAR .10 µH @ 75 MHz; (VUNK011), 1808-8100-001, L22003, L22005, L22007 | | 3 |
| 27 | | 1025-28 | | INDUCTOR 2.2 µH; (V99800), 1801-0229-001, L22004, L22015 | | 2 |
| 28 | | 1025-12 | | INDUCTOR .47 µH; (V99800), 1801-0478-001, L22006 | | 1 |
| 29 | | 1025-04 | | INDUCTOR .22 µH; (V99800), 1801-0228-001, L22008 | | 1 |
| 30 | | 1025-44 | | INDUCTOR 10 µH; (V99800), 1801-0010-001, L22009, L22018, L22021, L22024, L22025 | | 5 |
| 31 | | 1025-96 | | INDUCTOR .12 µH; (V99800), 1801-0128-003, L22010, L22032 | | 2 |

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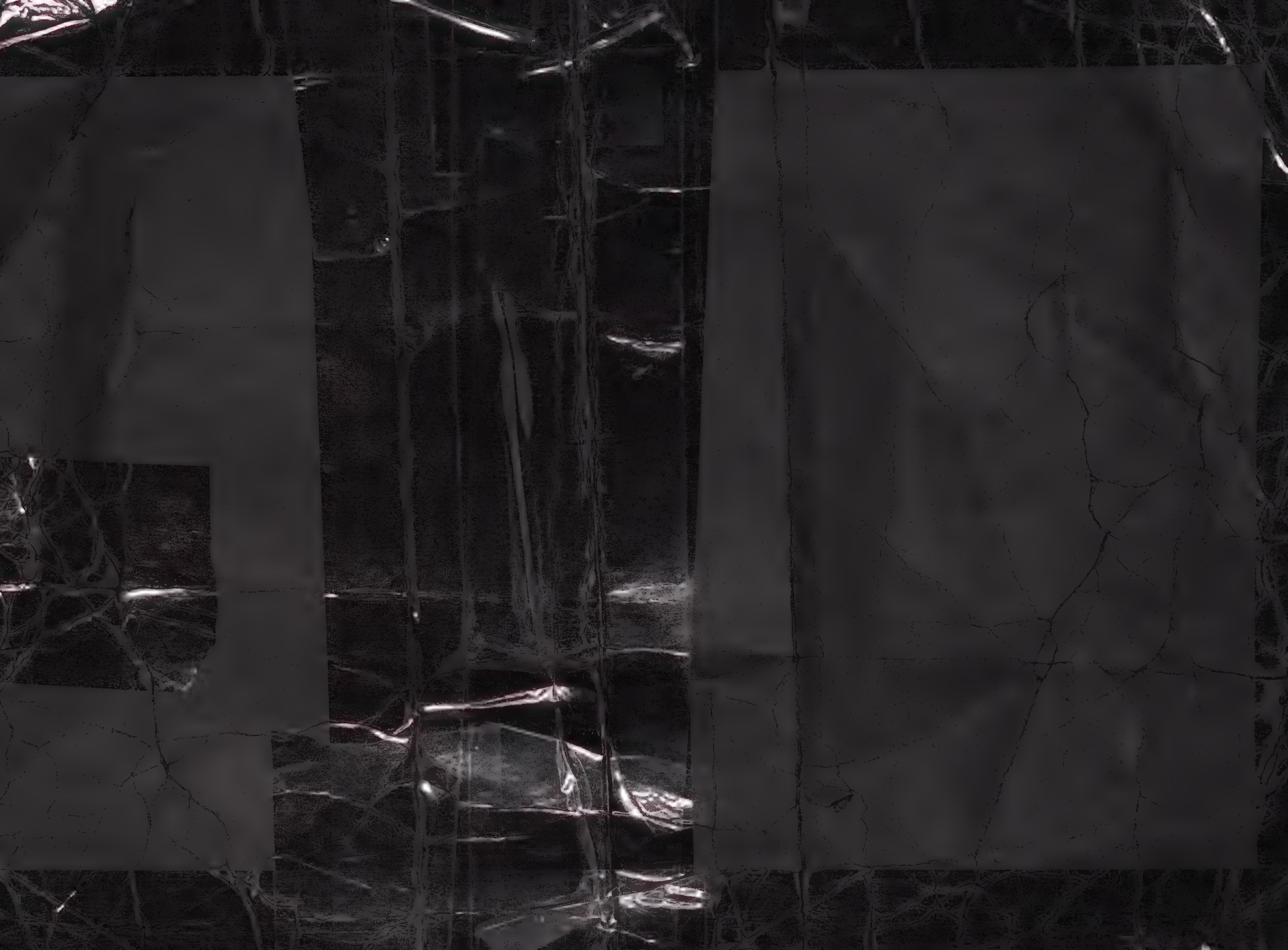

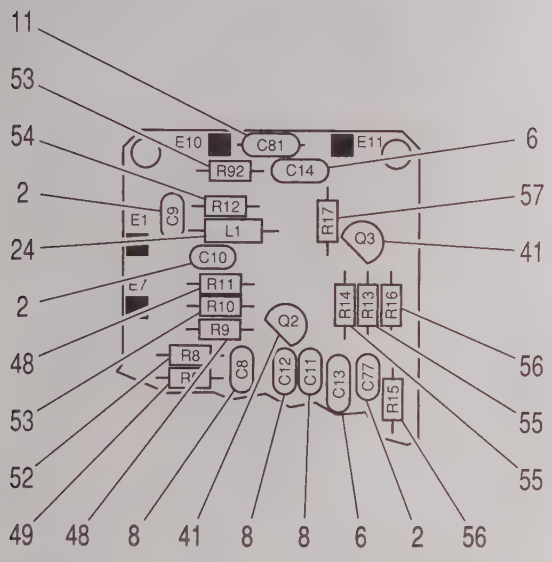
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C10
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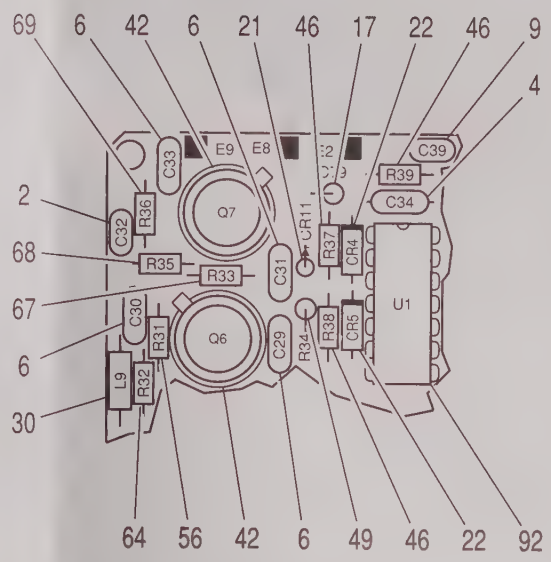
R16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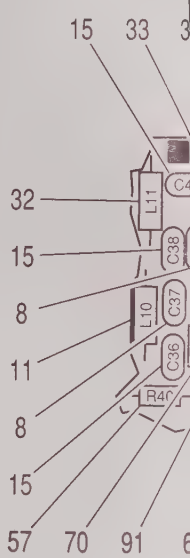
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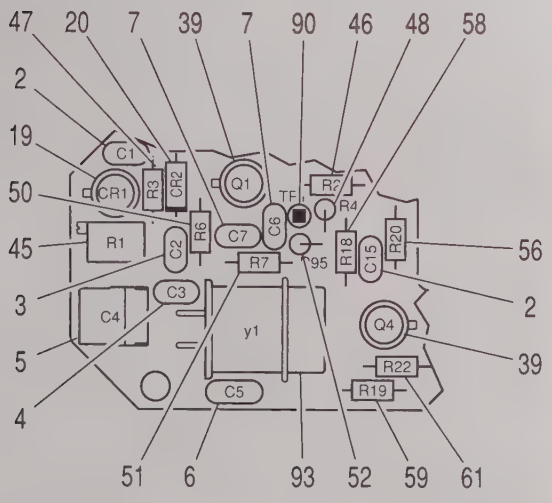
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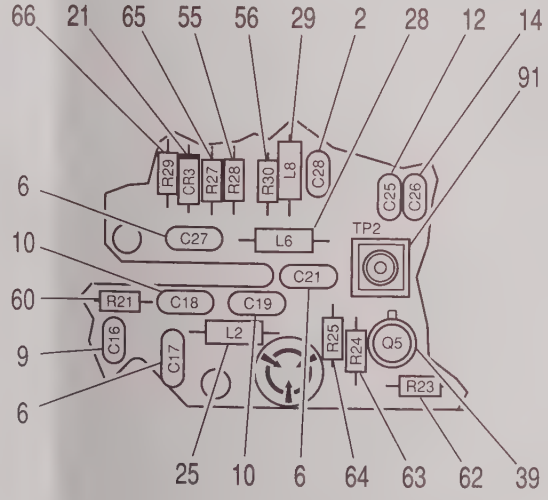
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C26
C27
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TP2
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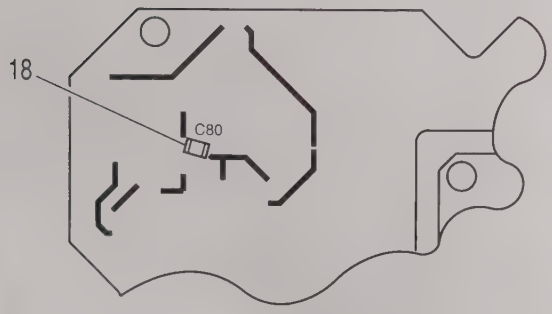
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| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 13 | 32 | | 1025-10 | INDUCTOR .39 µH; (V99800), 1801-0398-001, L22011, L22031 | | 2 |
| | 33 | | 1025-08 | INDUCTOR .33 µH; (V99800), 1801-0338-001, L22012, L22030 | | 2 |
| | 34 | | 1025-94 | INDUCTOR .1 µH; (V99800), 1801-0108-001, L22013, L22029 | | 2 |
| | 35 | | 1025-68 | INDUCTOR 100 µH; (V99800), 1801-0101-001, L22019, L22022 | | 2 |
| | 36 | | IM256UH10 | INDUCTOR .56 µH; (V91637), 1801-0568-100, L22026, L22028 | | 2 |
| | 37 | | 1800-8181-000 | INDUCTOR, L22027 | | 1 |
| | 38 | | 1025-16 | INDUCTOR .68 µH; (V99800), 1801-0688-001, L22034 | | 1 |
| | 39 | | SBL1-18 | MIXER 1 - 500 MHz; (V15542), 5250-0100-100, MXR22001 | | 1 |
| | 40 | | 55100 | TRANSISTOR; (V50088), 4809-0100-100, Q22001, Q22004, Q22005, Q22008, Q22011, Q22012, Q22013, Q22014 | | 8 |
| | 41 | | JAN2N3903 | TRANSISTOR; (V81349), 4807-0000-001, Q22002, Q22003 | | 2 |
| | 42 | | JAN2N5109 | TRANSISTOR; (V81349), 4803-0000-003, Q22006, Q22007 | | 2 |
| | 43 | | 511-038 | PAD, MTG; (V92219), 4835-0000-012 | | 2 |
| | 44 | | JAN2N5109 | TRANSISTOR; (V81349), 4803-0000-003, Q22009, Q22010 | | 2 |
| | 45 | | 3266Z1-103 | RESISTOR, VAR 10 K; (V57921), 4752-2103-002, R22001 | | 1 |
| | 46 | | RLR05C103JR | RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R22002, R22037, R22038, R22039 | | 4 |
| | 47 | | RLR05C154JR | RESISTOR 5%, 1/8 W, 150 K; (V81349), 4701-0154-003, R22003 | | 1 |
| | 48 | | RLR05C822JR | RESISTOR 5%, 1/8 W, 8.2 K; (V81349), 4701-0822-003, R22004, R22009 | | 2 |
| | 49 | | RLR05C152JR | RESISTOR 5%, 1/8 W, 1.5 K; (V81349), 4701-0152-003, R22005, R22011, R22034 | | 3 |
| | 50 | | RLR05C180JR | RESISTOR 5%, 1/8 W, 18 Ω; (V81349), 4701-0180-003, R22006 | | 1 |
| | 51 | | RLR05C122JR | RESISTOR 5%, 1/8 W, 1.2 K; (V81349), 4701-0122-003, R22007, R22069 | | 2 |
| | 52 | | RLR05C153JR | RESISTOR 5%, 1/8 W, 15 K; (V81349), 4701-0153-003, R22008, R22095 | | 2 |
| | 53 | | RLR05C151JR | RESISTOR 5%, 1/8 W, 150 Ω; (V81349), 4701-0151-003, R22010, R22046, R22061, R22092 | | 4 |
| | 54 | | RLR05C561JR | RESISTOR 5%, 1/8 W, 560 Ω; (V81349), 4701-0561-003, R22012, R22053 | | 2 |
| | 55 | | RLR05C332JR | RESISTOR 5%, 1/8 W, 3.3 K; (V81349), 4701-0332-003, R22013, R22014, R22028 | | 3 |
| | 56 | | RLR05C101JR | RESISTOR 5%, 1/8 W, 100 Ω; (V81349), 4701-0101-003, R22015, R22016, R22020, R22026, R22030, R22031, R22064, R22071, R22077, R22085 | | 10 |
| | 57 | | RLR05C471JR | RESISTOR 5%, 1/8 W, 470 Ω; (V81349), 4701-0471-003, R22017, R22040, R22056, R22086 | | 4 |
| | 58 | | RLR05C102JR | RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R22018, R22094 | | 2 |
| | 59 | | RLR05C472JR | RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R22019 | | 1 |
| | 60 | | RLR05C221JR | RESISTOR 5%, 1/8 W, 220 Ω; (V81349), 4701-0221-003, R22021, R22052, R22058 | | 3 |
| | 61 | | RLR05C223JR | RESISTOR 5%, 1/8 W, 22 K; (V81349), 4701-0223-003, R22022 | | 1 |
| | 62 | | RLR05C683JR | RESISTOR 5%, 1/8 W, 68 K; (V81349), 4701-0683-003, R22023 | | 1 |
| | 63 | | RLR05C270JR | RESISTOR 5%, 1/8 W, 27 Ω; (V81349), 4701-0270-003, R22024, R22059, R22082 | | 3 |
| | 64 | | RLR05C220JR | RESISTOR 5%, 1/8 W, 22 Ω; (V81349), 4701-0220-003, R22025, R22032, R22042, R22043, R22067 | | 5 |
| | 65 | | RLR05C121JR | RESISTOR 5%, 1/8 W, 120 Ω; (V81349), 4701-0121-003, R22027 | | 1 |

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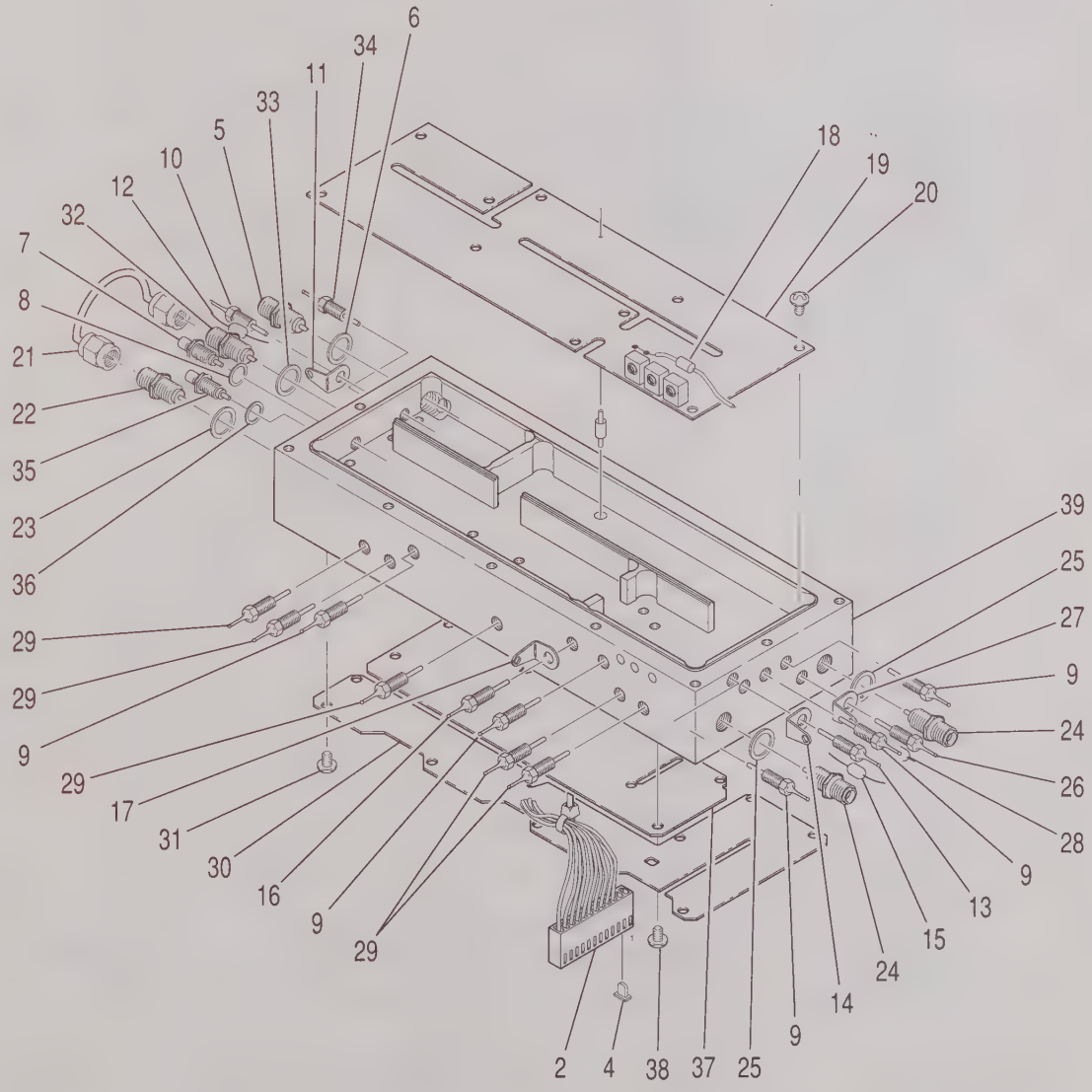
| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 13 | 66 | | RLR05C821JR | | RESISTOR 5%, 1/8 W, 820 Ω; (V81349), 4701-0821-003, R22029, R22079 | | 2 |
| | 67 | | RLR05C3R9JR | | RESISTOR 5%, 1/8 W, 3.9 K; (V81349), 4701-0392-003, R22033, R22078 | | 2 |
| | 68 | | RLR05C100JR | | RESISTOR 5%, 1/8 W, 10 Ω; (V81349), 4701-0100-003, R22035 | | 1 |
| | 69 | | RLR05C680JR | | RESISTOR 5%, 1/8 W, 68 Ω; (V81349), 4701-0680-003, R22036, R22044 | | 2 |
| | 70 | | RLR05C470JR | | RESISTOR 5%, 1/8 W, 47 Ω; (V81349), 4701-0470-003, R22041 | | 1 |
| | 71 | | RLR05C333JR | | RESISTOR 5%, 1/8 W, 33 K; (V81349), 4701-0333-003, R22045, R22075 | | 2 |
| | 72 | | RLR05C330JR | | RESISTOR 5%, 1/8 W, 33 Ω; (V81349), 4701-0330-003, R22047, R22090 | | 2 |
| | 73 | | RLR05C560JR | | RESISTOR 5%, 1/8 W, 56 Ω; (V81349), 4701-0560-003, R22048, R22072, R22091 | | 3 |
| | 74 | | 4753-0102-002 | | RESISTOR, VAR 1 K, R22049 | | 1 |
| | 75 | | RLR05C820JR | | RESISTOR 5%, 1/8 W, 82 Ω; (V81349), 4701-0820-003, R22050, R22080 | | 2 |
| | 76 | | RLR05C222JR | | RESISTOR 5%, 1/8 W, 2.2 K; (V81349), 4701-0222-003, R22051, R22057 | | 2 |
| | 77 | | RLR05C680JR | @ | RESISTOR 5%, 1/8 W, 68 Ω; (V81349), 4701-0680-003, R22054 | | 1 |
| | 78 | | RLR05C510JR | | RESISTOR 5%, 1/8 W, 51 Ω; (V81349), 4701-0510-003, R22055, R22083 | | 2 |
| | 79 | | RLR05C331JR | | RESISTOR 5%, 1/8 W, 330 Ω; (V81349), 4701-0331-003, R22060, R22065, R22070, R22074, R22076 | | 5 |
| | 80 | | 4753-0201-002 | | RESISTOR, VAR 200 Ω, R22062, R22073 | | 2 |
| | 81 | | RLR05C391JR | | RESISTOR 5%, 1/8 W, 390 Ω; (V81349), 4701-0391-003, R22063 | | 1 |
| | 82 | | RLR05C473JR | | RESISTOR 5%, 1/8 W, 47 K; (V81349), 4701-0473-003, R22066 | | 1 |
| | 83 | | RLR05C562JR | | RESISTOR 5%, 1/8 W, 5.6 K; (V81349), 4701-0562-003, R22068 | | 1 |
| | 84 | | RLR05C390JR | | RESISTOR 5%, 1/8 W, 39 Ω; (V81349), 4701-0390-003, R22084 | | 1 |
| | 85 | | RLR07C331JR | | RESISTOR 5%, 1/4 W, 330 Ω; (V81349), 4702-0331-003, R22087 | | 1 |
| | 86 | | RLR07C152JR | | RESISTOR 5%, 1/4 W, 1.5 K; (V81349), 4702-0152-003, R22088 | | 1 |
| | 87 | | RLR07C222JR | | RESISTOR 5%, 1/4 W, 2.2 K; (V81349), 4702-0222-003, R22089 | | 1 |
| | 88 | | RLR05C101JR | # | RESISTOR 5%, 1/8 W, 100 Ω; (V81349), 4701-0101-003, R22096 | | 1 |
| | 89 | | 2C1000-5 | | THERMISTOR 100 Ω; (V91637), 4800-0101-003, RT22001, RT22002 | | 2 |
| | 90 | | 85931-6 | | POST, GANG; (V00779), 2114-0000-007, TP22001 | | 1 |
| | 91 | | 2009-7511-000 | | CONNECTOR, SMB; (V19505), 2200-2010-400, TP22002, TP22003 | | 2 |
| | 92 | | MC74AC74N | | IC, DUAL D FILP-FLOP; (V04713), 3132-0300-002, U22001 | | 1 |
| | 93 | | 2363-0134-000 | | CRYSTAL 10.000000 MHz; Y22001 | | 1 |

NOTE: * SELECTED AT TEST (SAT)
MAY OR MAY NOT BE INSTALLED
NOMINAL VALUE = 2.0 pF
SELECT RANGE = 0 pF THRU 4.0 pF

@ SELECTED AT TEST (SAT)
NOMINAL VALUE = 68 Ω
SELECT RANGE = 56 Ω THRU 82 Ω

# SELECTED AT TEST (SAT)
NOMINAL VALUE = 100 Ω
SELECT RANGE = 82 Ω THRU 120 Ω




SSB ASSEMBLY
FIGURE 14

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 14 - 1 | | 7005-8140-700 | SSB ASSEMBLY SEE FIG 9 FOR NHA | | REF |
| 2 | | 22-01-2127 | CONNECTOR, LOCKING; (V27264), 2115-0004-012, J20026 | | 1 |
| - 3 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 10 |
| 4 | | 15-04-9209 | KEY, POLARIZING CONN; (V27264), 2127-9900-100 | | 1 |
| 5 | | 9422-9513-002 | CONNECTOR, SMA; (V19505), 2123-0000-030, J16042<br>ATTACHING PARTS | | 1 |
| 6 | | 2840-7600-208 | WASHER, FLAT<br>---*--- | | 1 |
| 7 | | 2019-7511-000 | CONNECTOR, SMB; (V19505), 2123-0000-038, TP16002<br>ATTACHING PARTS | | 1 |
| 8 | | 2840-7600-229 | WASHER, FLAT<br>---*--- | | 1 |
| 9 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006,<br>FL16001, FL16002, FL16005, FL16006, TP16001 | | 5 |
| 10 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006,<br>FL16003 | | 1 |
| 11 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 1 |
| 12 | | UK50-103 | CAPACITOR .01 µF, 50 V; (V71590), 1501-0103-005,<br>C16002 | | 1 |
| 13 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006,<br>FL16015 | | 1 |
| 14 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 1 |
| 15 | | C410C104M545CA | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008,<br>C16001 | | 1 |
| 16 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006,<br>TP16003 | | 1 |
| 17 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 1 |
| 18 | | | RESISTOR; R16001 SEE FIG 15 | | 1 |
| 19 | | 7010-8132-000 | LO SOURCE PC BOARD ASSEMBLY SEE FIG 15<br>ATTACHING PARTS | | 1 |
| 20 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006<br>---*--- | | 10 |
| 21 | | 6042-8180-300 | CABLE ASSY, COAX SEMI-RIGID | | 1 |
| 22 | | 9422-9513-002 | CONNECTOR, SMA; (V19505), 2123-0000-030, J31040<br>ATTACHING PARTS | | 1 |
| 23 | | 2840-7600-208 | WASHER, FLAT<br>---*--- | | 1 |
| 24 | | 9422-9513-002 | CONNECTOR, SMA; (V19505), 2123-0000-030, J17037,<br>J17038<br>ATTACHING PARTS | | 2 |
| 25 | | 2840-7600-208 | WASHER, FLAT<br>---*--- | | 1 |
| 26 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006,<br>FL16007 | | 1 |
| 27 | | 428-169 | LUG, GND #8; (V79963), 2850-0000-100 | | 1 |
| 28 | | C410C104M545CA | CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008,<br>C16003 | | 1 |
| 29 | | 54-713-001-10<br>1M | FILTER, FEEDTHRU 1000 pF; (V33095), 1526-0000-006,<br>FL16008, FL16009, FL16010, FL16011, FL16012 | | 5 |

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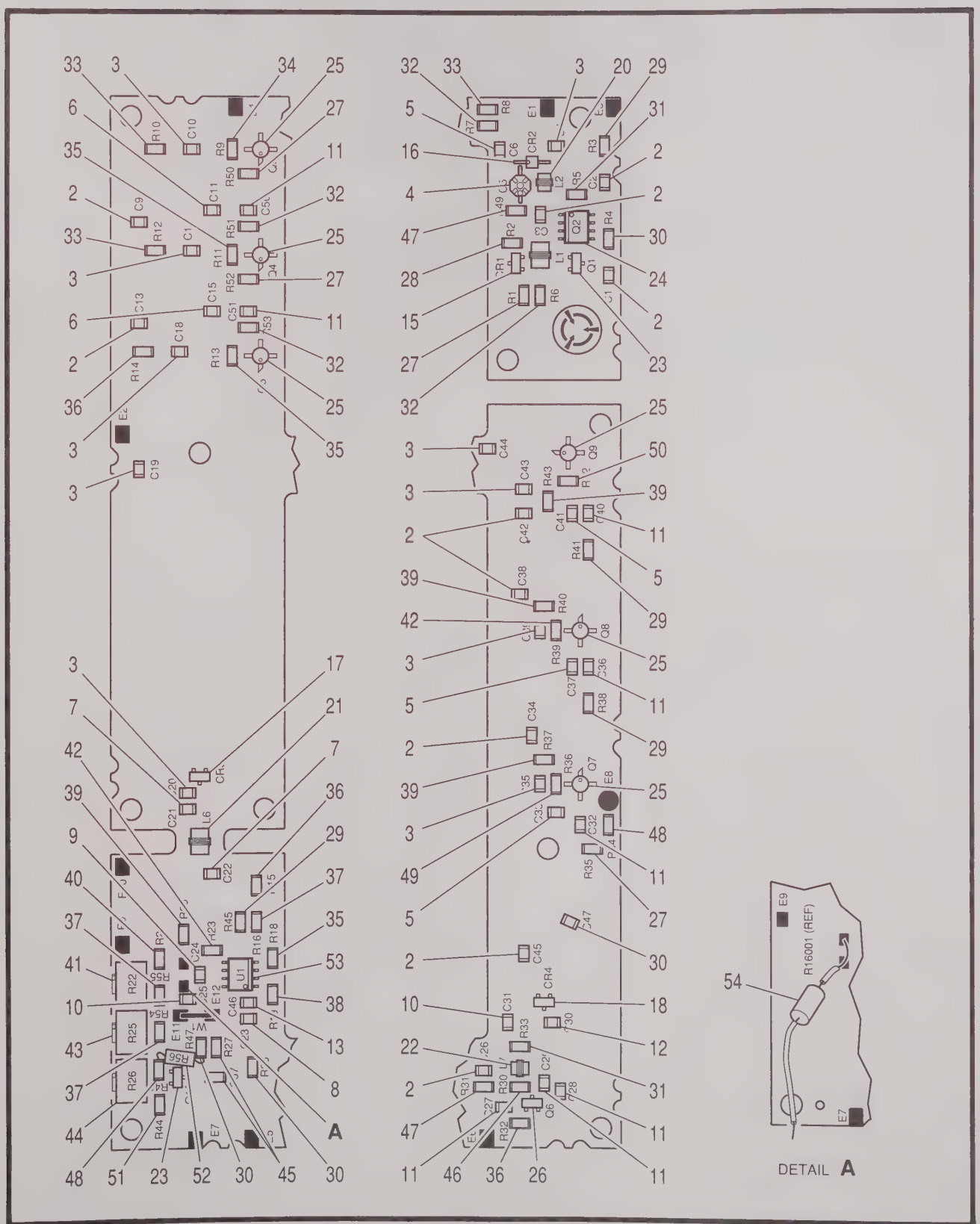
| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 14 | 30 | | 7010-8131-900 | ATTENUATOR PC BOARD ASSEMBLY SEE FIG 16 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 31 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 9 |
| | | | | ---*--- | | |
| | 32 | | 9422-9513-002 | CONNECTOR, SMA; (V19505), 2123-0000-030, J18041 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 33 | | 2840-7600-208 | WASHER, FLAT | | 1 |
| | | | | ---*--- | | |
| | 34 | | 51-712-001 | FILTER, FEEDTHRU 1500 pF; (V33095), 5801-0000-006, FL16014 | | 1 |
| | 35 | | 2019-7511-000 | CONNECTOR, SMB; (V19505), 2123-0000-038, J16039 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 36 | | 2840-7600-229 | WASHER, FLAT | | 1 |
| | | | | ---*--- | | |
| | 37 | | 7010-8130-800 | MIXER PC BOARD ASSEMBLY SEE FIG 17 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 38 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 5 |
| | | | | ---*--- | | |
| | 39 | | 1415-8150-300 | ENCLOSURE, BLOCK | | 1 |

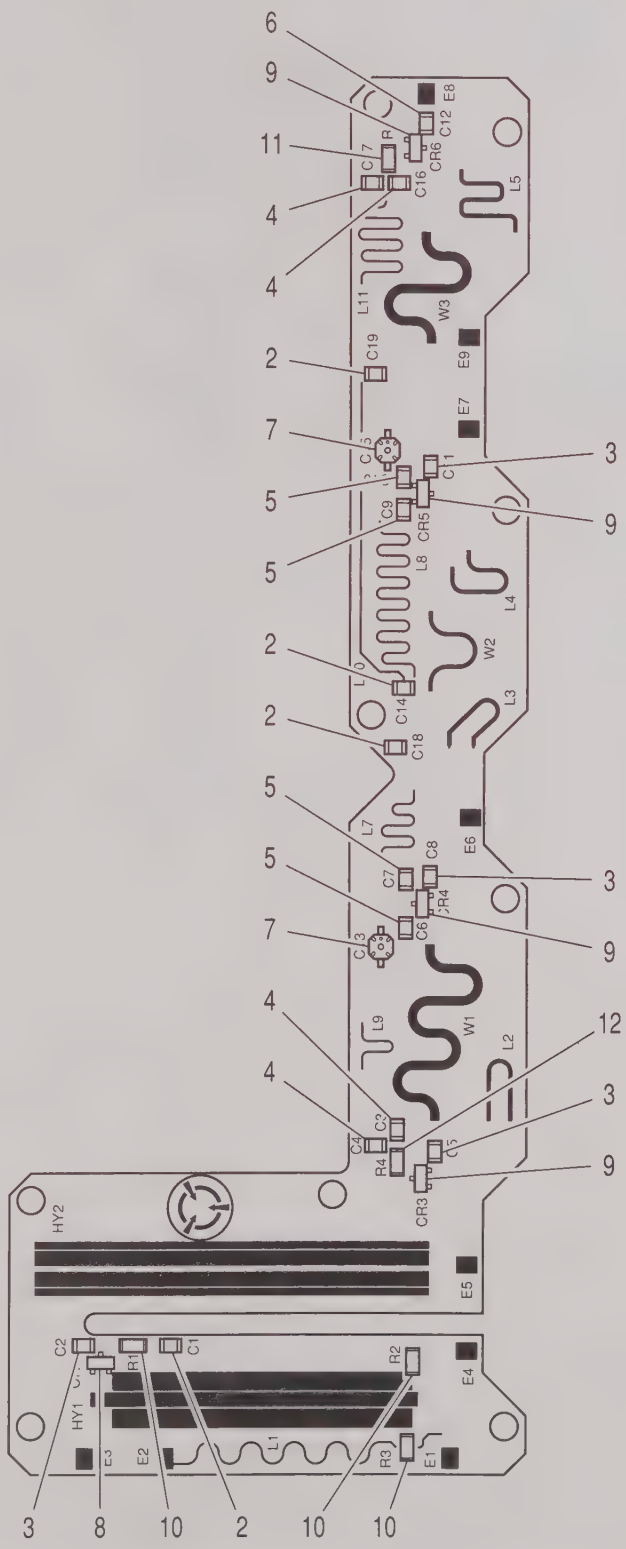



LO SOURCE PC BOARD ASSEMBLY
FIGURE 15

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 15 - 1 | | 7010-8132-000 | LO SOURCE PC BOARD ASSEMBLY SEE FIG 14 FOR NHA | | REF |
| 2 | | 12065C103KAT0 50B | CAPACITOR .01 µF, 50 V; (V16299), 1622-0103-001, C24001, C24002, C24003, C24009, C24013, C24026, C24034, C24038, C24042, C24045 | | 10 |
| 3 | | 12061A220JAT0 50B | CAPACITOR 22 pF, 100 V; (V16299), 1622-0220-001, C24004, C24010, C24014, C24018, C24019, C24020, C24035, C24039, C24043, C24044 | | 10 |
| 4 | | 9402-0 | CAPACITOR, VAR .5 - 2.5 pF; (V29454), 1550-0101-510, C24005 | | 1 |
| 5 | | GRM42-6COG1R5 B050BB | CAPACITOR 1.5 pF, 50 V; (V72982), 1622-0159-001, C24006, C24033, C24037, C24041 | | 4 |
| 6 | | GRM42-6COG5R0 B100BB | CAPACITOR 5.0 pF, 50 V; (V72982), 1622-0050-001, C24011, C24015 | | 2 |
| 7 | | 12065C562KAT0 50B | CAPACITOR 5600 pF, 50 V; (V16299), 1622-0562-001, C24021, C24022 | | 2 |
| 8 | | GRM42-6X7R153 J050BB | CAPACITOR .015 µF, 50 V; (V72982), 1622-0153-001, C24023 | | 1 |
| 9 | | 12065C104KAT0 50B | CAPACITOR .1 µF, 50 V; (V16299), 1622-0104-001, C24024 | | 1 |
| 10 | | GRM42-6COG101 J100BB | CAPACITOR 100 pF, 50 V; (V72982), 1622-0101-001, C24025, C24031 | | 2 |
| 11 | | GRM42-6COG3RO B100VPT | CAPACITOR 3 pF, 100 V; (V72982), 1622-0030-001, C24027, C24028, C24029, C24032, C24036, C24040, C24050, C24051 | | 8 |
| 12 | | GRM42-6COG2R0 B050BB | CAPACITOR 2.0 pF, 50 V; (V72982), 1622-0020-001, C24030 | | 1 |
| 13 | | 12061A680JAT0 50B | CAPACITOR 68 pF, 100V; (V16299), 1622-0680-001, C24046 | | 1 |
| 14 | | GRM42-6U2J2R0 B050BB | CAPACITOR 2.0 pF, 50 V; (V72982), 1622-0020-120, C24047 | | 1 |
| 15 | | TMPD2836 | DIODE, SW 4.0 ns; (V56289), 4818-0000-025, CR24001 | | 1 |
| 16 | | ASI30102-850 | DIODE, VARACTOR; (V4U751), 4935-0101-200, CR24002 | | 1 |
| 17 | | HSMS2802 | DIODE, S-BAR; (V54893), 4816-0000-006, CR24003 | | 1 |
| 18 | | MMBV105GL | DIODE, TUN; (V04713), 4826-0000-011, CR24004 | | 1 |
| 19 | | 1611CS223CK2B | INDUCTOR 22 µH; (V02113), 1811-6223-103, L24001 | | 1 |
| 20 | | 1008CS221XK2B | INDUCTOR .22 µH; (V02113), 1811-6221-001, L24002 | | 1 |
| 21 | | 1611CS153CK1B | INDUCTOR 15 µH; (V02113), 1811-6153-003, L24006 | | 1 |
| 22 | | 1008CS102XK2B | INDUCTOR 1.0 µH; (V02113), 1811-6102-001, L24007 | | 1 |
| 23 | | MMBT3906L | TRANSISTOR; (V04713), 4809-0000-020, Q24001, Q24010 | | 2 |
| 24 | | MRF5943 | TRANSISTOR; (V04713), 4809-0000-017, Q24002 | | 1 |
| 25 | | HXTR3101 | TRANSISTOR; (V54893), 5010-0203-100, Q24003, Q24004, Q24005, Q24007, Q24008, Q24009 | | 6 |
| 26 | | MMBR911 | TRANSISTOR; (V04713), 4809-0000-015, Q24006 | | 1 |
| 27 | | RK73H2B1000F | RESISTOR 1%, 1/8 W, 1 K; (V59124), 4722-1000-001, R24001, R24035, R24050, R24052 | | 4 |
| 28 | | RK73H2B1501F | RESISTOR 1%, 1/8 W, 1.50 K; (V59124), 4722-1501-001, R24002 | | 1 |
| 29 | | RK73H2B47R5F | RESISTOR 1%, 1/8 W, 47.5 Ω; (V59124), 4722-4759-001, R24003, R24038, R24041, R24045 | | 4 |
| 30 | | RK73H2B1002F | RESISTOR 1%, 1/8 W, 10.0 K; (V59124), 4722-1002-001, R24004, R24028, R24047 | | 3 |
| 31 | | RK73H2B1001F | RESISTOR 1%, 1/8 W, 1.0 K; (V59124), 4722-1001-001, R24005, R24033 | | 2 |
| 32 | | RK73H2B15R0F | RESISTOR 1%, 1/8 W, 15.0 Ω; (V59124), 4722-1509-001, R24006, R24007, R24051, R24053 | | 4 |
| 33 | | RK73H2B4750F | RESISTOR 1%, 1/8 W, 475 Ω; (V59124), 4722-4750-001, R24008, R24010, R24012 | | 3 |
| 34 | | RK73H2B4752F | RESISTOR 1%, 1/8 W, 47.5 K; (V59124), 4722-4752-001, R24009 | | 1 |
| 35 | | RK73H2B2742F | RESISTOR 1%, 1/8 W, 27.4 K; (V59124), 4722-2742-001, R24011, R24013, R24018 | | 3 |

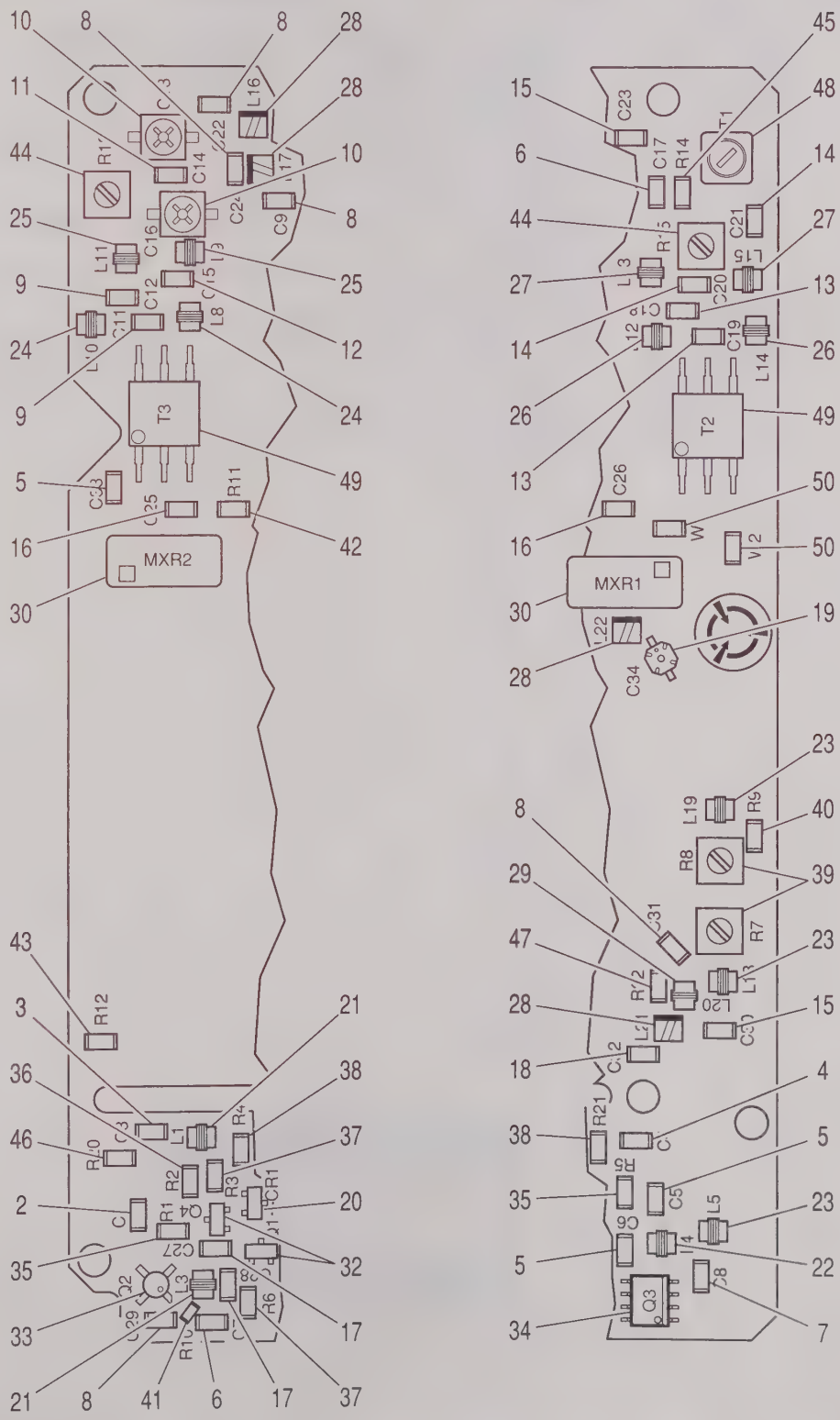
CONTINUED ON NEXT PAGE

| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|---|
| 15 | 36 | | RK73H2B2740F | | RESISTOR 1%, 1/8 W, 274 Ω; (V59124), 4722-2740-001, R24014, R24015, R24032 | | 3 |
| | 37 | | RK73H2B18R2F | | RESISTOR 1%, 1/8 W, 18.2 Ω; (V59124), 4722-1829-001, R24016, R24054, R24055 | | 3 |
| | 38 | | RK73H2B2214F | | RESISTOR 1%, 1/8 W, 2.21 M; (V59124), 4722-2214-001, R24019 | | 1 |
| | 39 | | RK73H2B6810F | | RESISTOR 1%, 1/8 W, 681 Ω; (V59124), 4722-6810-001, R24020, R24037, R24040, R24043 | | 4 |
| | 40 | | RK73H2B2212F | | RESISTOR 1%, 1/8 W, 22.1 K; (V59124), 4722-2212-001, R24021 | | 1 |
| | 41 | | 182-11-100K | | RESISTOR, VAR 100 K; (V06978), 4749-0104-001, R24022 | | 1 |
| | 42 | | RK73H2B1003F | | RESISTOR 1%, 1/8 W, 100 K; (V59124), 4722-1003-001, R24023, R24039 | | 2 |
| | 43 | | 182-11-20K | | RESISTOR, VAR 20 K; (V06978), 4749-0203-001, R24025 | | 1 |
| | 44 | | 182-11-500 | | RESISTOR, VAR 500 Ω; (V06978), 4749-0501-001, R24026 | | 1 |
| | 45 | | RM73H2B000F | | RESISTOR 1%, 1/8 W, 0 Ω; (V59124), 4722-0000-001, R24027, R24057 | | 2 |
| | 46 | | RK73H2B8251F | | RESISTOR 1%, 1/8 W, 8.25 K; (V59124), 4722-8251-001, R24030 | | 1 |
| | 47 | | RK73H2B3321F | | RESISTOR 1%, 1/8 W, 3.32 K; (V59124), 4722-3321-001, R24031, R24049 | | 2 |
| | 48 | | RK73H2B68R1F | | RESISTOR 1%, 1/8 W, 68.1 Ω; (V59124), 4722-6819-001, R24034, R24046 | | 2 |
| | 49 | | RK73H2B6812F | | RESISTOR 1%, 1/8 W, 68.1 K; (V59124), 4722-6812-001, R24036 | | 1 |
| | 50 | | RK73H2B5621F | | RESISTOR 1%, 1/8 W, 5.62 K; (V59124), 4722-5621-001, R24042 | | 1 |
| | 51 | | RK73H2B4751F | | RESISTOR 1%, 1/8 W, 4.75 K; (V59124), 4722-4751-001, R24044 | | 1 |
| | 52 | | RLR05C683JR | | RESISTOR 5%, 1/8 W, 68 K; (V81349), 4701-0683-003, R24056 | | 1 |
| | 53 | | CA3130AM | | IC, BIMOS OP AMP; (V02735), 3133-0000-124, U24001 | | 1 |
| | 54 | | RLR05C103JR | | RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R16001 | | REF |




ATTENUATOR PC BOARD ASSEMBLY
FIGURE 16

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 16 - 1 | | 7010-8131-900 | ATTENUATOR PC BOARD ASSEMBLY SEE FIG 14 FOR NHA | | REF |
| 2 | | GRM40COG470K1 00BB | CAPACITOR 47 pF, 100 V; (V72982), 1523-0000-004, C31001, C31014, C31018, C31019 | | 4 |
| 3 | | 08051A560JAT0 50B | CAPACITOR 56 pF, 100 V; (V16299), 1620-5600-511, C31002, C31005, C31008, C31011 | | 4 |
| 4 | | VJ0805A3R3DXB MB | CAPACITOR 3.3 pF, 50 V; (V95275), 1620-0335-001, C31003, C31004, C31016, C31017 | | 4 |
| 5 | | GRM40COG3R0C1 00BB | CAPACITOR 3 pF, 50 V; (V72982), 1523-0000-014, C31006, C31007, C31009, C31010 | | 4 |
| 6 | | 08051A100JAT0 50L | CAPACITOR 10 pF, 100 V; (V16299), 1620-1000-511, C31012 | | 1 |
| 7 | | 9402-1 | CAPACITOR, VAR 1 - 5 pF; (V29454), 1550-0101-500, C31013, C31015 | | 2 |
| 8 | | HSMS2800 | DIODE, S-BAR; (V54893), 4816-0000-005, CR31001 | | 1 |
| 9 | | HSMP3830 | DIODE, PIN; (V54893), 4816-0000-018, CR31003, CR31004, CR31005, CR31006 | | 4 |
| 10 | | RK73H2B47R5F | RESISTOR 1%, 1/8 W, 47.5 Ω; (V59124), 4722-4759-001, R31001, R31002, R31003 | | 3 |
| 11 | | RK73H2B18R2F | RESISTOR 1%, 1/8 W, 18.2 Ω; (V59124), 4722-1829-001, R31004, R31005 | | 2 |

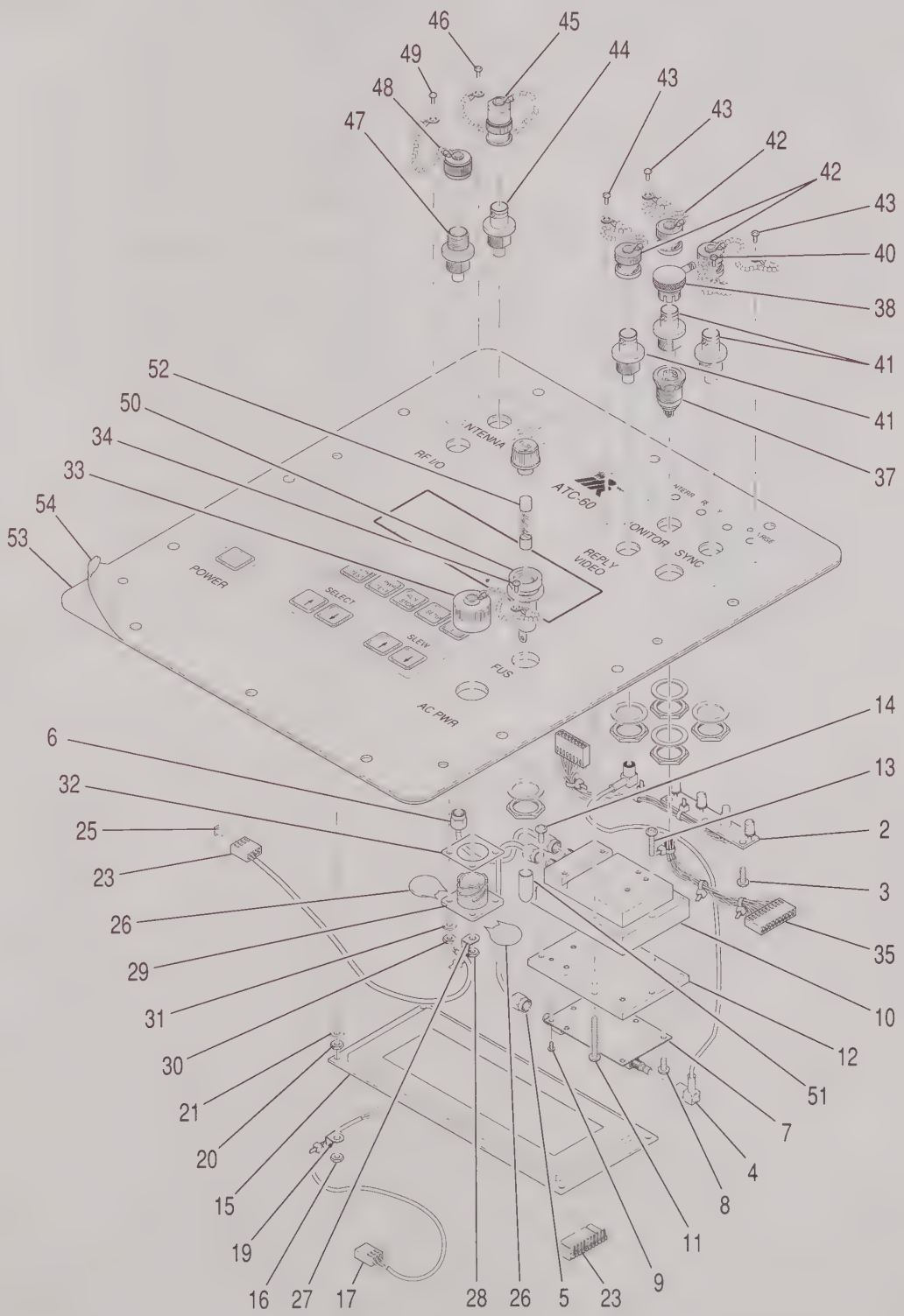



MIXER PC BOARD ASSEMBLY
FIGURE 17

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 17 - 1 | | 7010-8130-800 | MIXER PC BOARD ASSEMBLY SEE FIG 14 FOR NHA | | REF |
| 2 | | GRM42-6COG3RO B100VPT | CAPACITOR 3 pF, 100 V; (V72982), 1622-0030-001, C18001 | | 1 |
| 3 | | 12065C103KAT0 50B | CAPACITOR .01 µF, 50 V; (V16299), 1622-0103-001, C18003 | | 1 |
| 4 | | 12065A102JAT0 50B | CAPACITOR 1000 pF, 50 V; (V16299), 1622-0102-001, C18004 | | 1 |
| 5 | | 12061A470JAT0 50L | CAPACITOR 47 pF, 50 V; (V16299), 1622-0470-001, C18005, C18006, C18033 | | 3 |
| 6 | | 12065A270JAT0 50L | CAPACITOR 27 pF, 50 V; (V16299), 1622-0270-050, C18007, C18017 | | 2 |
| 7 | | GRM42-6COG5R0 B100BB | CAPACITOR 5.0 pF, 50 V; (V72982), 1622-0050-001, C18008 | | 1 |
| 8 | | GRM42-6COG1A0 B050BB | CAPACITOR 1.0 pF, 50 V; (V72982), 1622-0010-001, C18009, C18022, C18024, C18029, C18031 | | 5 |
| 9 | | 12061A120JAT0 50L | CAPACITOR 12 pF, 100 V; (V16299), 1622-0120-001, C18011, C18012 | | 2 |
| 10 | | TZB04R500AB | CAPACITOR, VAR 7 - 50 pF, 50 V; (V72982), 1550-0100-550, C18013, C18016 | | 2 |
| 11 | | 12061A680JAT0 50B | CAPACITOR 68 pF, 100V; (V16299), 1622-0680-001, C18014 | | 1 |
| 12 | | 12061A820JAT0 50L | CAPACITOR 82 pF, 50 V; (V16299), 1622-0820-001, C18015 | | 1 |
| 13 | | 12061A390FAT0 50L | CAPACITOR 39 pF, 100 V; (V16299), 1622-0390-100, C18018, C18019 | | 2 |
| 14 | | 12061A391JAT0 50L | CAPACITOR 390 pF, 100 V; (V16299), 1622-0391-001, C18020, C18021 | | 2 |
| 15 | | 12065A2R7CAT0 50L | CAPACITOR 2.7 pF, 50 V; (V16299), 1622-0279-001, C18023, C18030 | | 2 |
| 16 | | GRM42-6COG1R5 B050BB | CAPACITOR 1.5 pF, 50 V; (V72982), 1622-0159-001, C18025, C18026 | | 2 |
| 17 | | GRM42-6X7R472 K050BB | CAPACITOR 4700 pF, 50 V; (V72982), 1622-0472-001, C18027, C18028 | | 2 |
| 18 | | GRM42-6COG2R0 B050BB | CAPACITOR 2.0 pF, 50 V; (V72982), 1622-0020-001, C18032 | | 1 |
| 19 | | 9402-1 | CAPACITOR, VAR 1 - 5 pF; (V29454), 1550-0101-500, C18034 | | 1 |
| 20 | | MMBD914L | DIODE, SWITCH; (V04713), 4815-0000-009, CR18001 | | 1 |
| 21 | | 1008CS471XK2B | INDUCTOR .47 µH; (V02113), 1811-6471-001, L18001, L18003 | | 2 |
| 22 | | 1008CS680XK2B | INDUCTOR .068 µH; (V02113), 1811-6680-001, L18004 | | 1 |
| 23 | | 1008CS390XK2B | INDUCTOR .039 µH; (V02113), 1811-6390-001, L18005, L18018, L18019 | | 3 |
| 24 | | 1008CS101XJ2B | INDUCTOR .1 µH; (V02113), 1811-6101-001, L18008, L18010 | | 2 |
| 25 | | 1008CS102XK2B | INDUCTOR 1.0 µH; (V02113), 1811-6102-001, L18009, L18011 | | 2 |
| 26 | | 1008CS391XK2B | INDUCTOR .39 µH; (V02113), 1811-6391-001, L18012, L18014 | | 2 |
| 27 | | 1008CS392XK2B | INDUCTOR 3.9 µH; (V02113), 1811-6392-001, L18013, L18015 | | 2 |
| 28 | | 1008CT080XK2B | INDUCTOR .008 µH; (V02113), 1811-6080-001, L18016, L18017, L18021, L18022 | | 4 |
| 29 | | 1008CS180XK2B | INDUCTOR .18 µH; (V02113), 1811-6180-001, L18020 | | 1 |
| 30 | | TFM12MH | MIXER .5 - 2000 MHz; (V15542), 5250-0000-014, MXR18001, MXR18002 | | 2 |
| - 31 | | B14-047-01 | INSULATOR; (V15542), 2800-0000-033 | | 2 |
| 32 | | MMBT5087 | TRANSISTOR; (V27014), 4809-0000-032, Q18001, Q18004 | | 2 |
| 33 | | HXTR3101 | TRANSISTOR; (V54893), 5010-0203-100, Q18002 | | 1 |
| 34 | | MRF5812 | TRANSISTOR; (V04713), 4809-0000-031, Q18003 | | 1 |

CONTINUED ON NEXT PAGE

| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 17 | 35 | | RK73H2B1001F | RESISTOR 1%, 1/8 W, 1.0 K; (V59124), 4722-1001-001, R18001, R18005 | | 2 |
| | 36 | | RK73H2B47R5F | RESISTOR 1%, 1/8 W, 47.5 Ω; (V59124), 4722-4759-001, R18002 | | 1 |
| | 37 | | RK73H2B3920F | RESISTOR 1%, 1/8 W, 392 Ω; (V59124), 4722-3920-001, R18003, R18006 | | 2 |
| | 38 | | RK73H2B24R3F | RESISTOR 1%, 1/8 W, 24.3 Ω; (V59124), 4722-2439-001, R18004, R18021 | | 2 |
| | 39 | | 3314G1-102E | RESISTOR, VAR 1 K; (V57921), 4749-0102-005, R18007, R18008 | | 2 |
| | 40 | | RM73B2A101J | RESISTOR 1%, 1/10 W, 100 Ω; (V59124), 4723-0101-002, R18009 | | 1 |
| | 41 | | RM73B2A390J | RESISTOR 1%, 1/10 W, 39 Ω; (V59124), 4723-0390-002, R18010 | | 1 |
| | 42 | | RK73H2B1000F | RESISTOR 1%, 1/8 W, 1 K; (V59124), 4722-1000-001, R18011 | | 1 |
| | 43 | | RK73H2B51R1F | RESISTOR 1%, 1/8 W, 51.1 Ω; (V59124), 4722-5119-001, R18012 | | 1 |
| | 44 | | 3314G1-101E | RESISTOR, VAR 100 Ω; (V57921), 4749-0101-003, R18013, R18015 | | 2 |
| | 45 | | RK73H2BT200F | RESISTOR 1%, 1/8 W, 200 Ω; (V59124), 4722-2000-001, R18014 | | 1 |
| | 46 | | RK73H2B4750F | RESISTOR 1%, 1/8 W, 475 Ω; (V59124), 4722-4750-001, R18020 | | 1 |
| | 47 | | RK73H2B1500F | RESISTOR 1%, 1/8 W, 150 Ω; (V59124), 4722-1500-001, R18022 | | 1 |
| | 48 | | 1808-8100-003 | INDUCTOR, VAR, T18001 | | 1 |
| | 49 | | T21TKK81 | TRANSFORMER; (V15542), 5604-8100-002, T18002, T18003 | | 2 |
| | 50 | | RM73H2B000F | RESISTOR 1%, 1/8 W, 0 Ω; (V59124), 4722-0000-001, W18001, W18002 | | 2 |

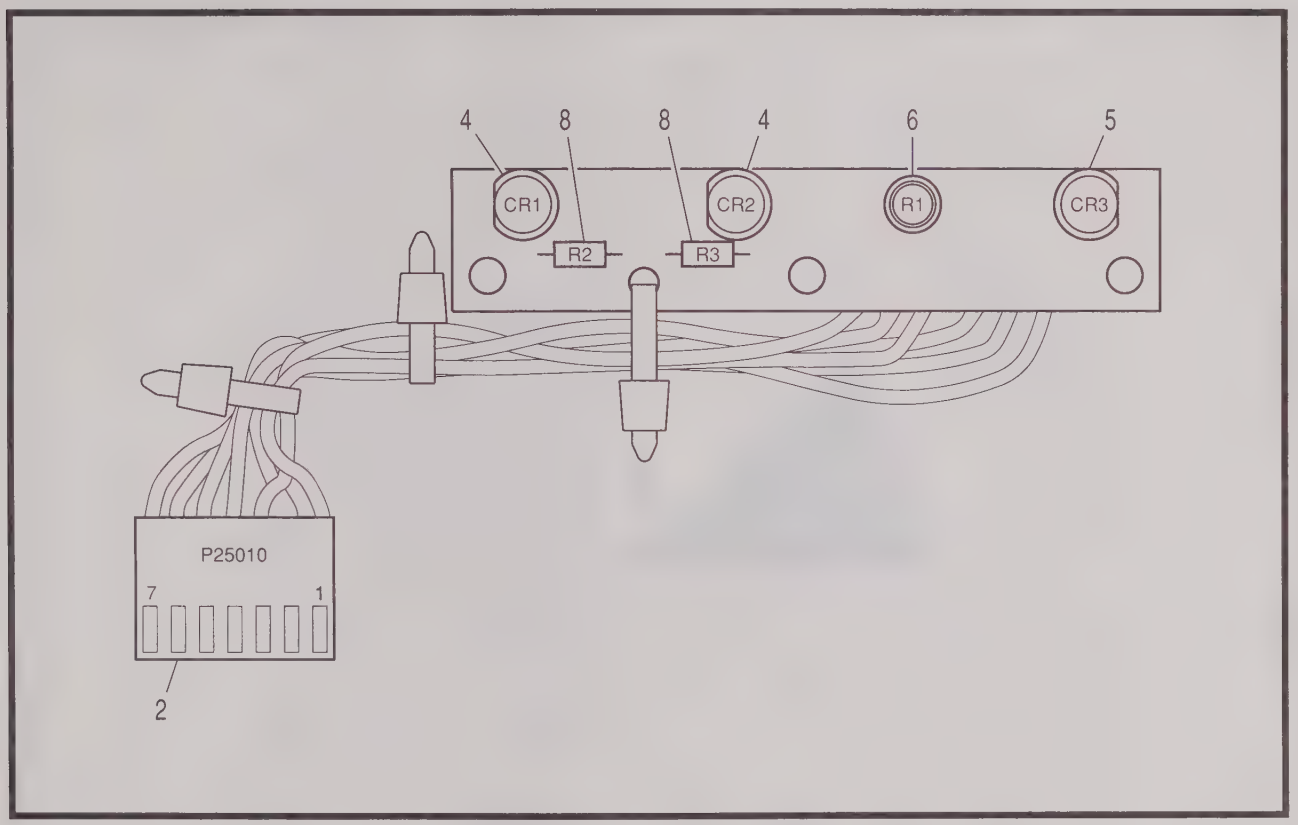



FRONT PANEL ASSEMBLY
FIGURE 18

| FIG-ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 18 - 1 | | 7005-8140-300 | FRONT PANEL ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | 7010-8130-300 | FRONT PANEL LED PC BOARD ASSEMBLY SEE FIG 19 | | 1 |
| | | | ATTACHING PARTS | | |
| 3 | | MS51957-15 | SCREW 4-40 X 3/8 PPHM; (V96906), 2803-0375-006 | | 3 |
| | | | ---*--- | | |
| 4 | | 6050-0040-350 | CABLE ASSY, COAX FLEX | | 1 |
| 5 | | 6043-1150-250 | CABLE ASSY, COAX SEMI-RIGID | | 1 |
| 6 | | 6043-1150-350 | CABLE ASSY, COAX FLEX | | 1 |
| 7 | | 7010-8131-700 | VIDEO DETECTOR PC BOARD ASSEMBLY SEE FIG 20 | | 1 |
| | | | ATTACHING PARTS | | |
| 8 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 7 |
| 9 | | MS51957-2 | SCREW 2-56 X 3/16 PPHM; (V96906), 2801-0188-006 | | 2 |
| | | | ---*--- | | |
| 10 | | 7005-8142-100 | POWER TERMINATION ASSEMBLY SEE FIG 21 | | 1 |
| | | | ATTACHING PARTS | | |
| 11 | | MS51957-121 | SCREW 4-40 X 1 1/8 PPHM; (V96906), 2803-1125-006 | | 4 |
| | | | ---*--- | | |
| 12 | | 1414-8150-200 | COVER, ENCLOSURE | | 1 |
| | | | ATTACHING PARTS | | |
| 13 | | MS51957-18 | SCREW 4-40 X 5/8 PPHM; (V96906), 2803-0625-006 | | 3 |
| 14 | | MS51957-14 | SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006 | | 2 |
| | | | ---*--- | | |
| 15 | | LM54B64G240KSY2 | LCD PC BOARD; (V62483), 7110-8131-300 | | 1 |
| | | | ATTACHING PARTS | | |
| 16 | | MS35649-244 | NUT 4-40; (V96906), 2850-0000-008 | | 4 |
| | | | ---*--- | | |
| 17 | | 22-01-2027 | CONNECTOR, LOCKING; (V27264), 2115-0004-002, P27051 | | 1 |
| - 18 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 2 |
| 19 | | 1412-4 | LUG, GND #4; (V83330), 2850-0000-056 | | 1 |
| 20 | | MS35649-244 | NUT 4-40; (V96906), 2850-0000-008 | | 4 |
| 21 | | MS51795-803 | WASHER, FLAT #4; (V96906), 2840-0000-009 | | 4 |
| 22 | | 705-53-0009 | CONNECTOR, LOCKING; (V27264), 2115-0200-010, J12059 | | 1 |
| 23 | | 22-01-2047 | CONNECTOR, LOCKING; (V27264), 2115-0004-004, P33049A | | 1 |
| - 24 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 2 |
| 25 | | 15-04-9209 | KEY, POLARIZING CONN; (V27264), 2127-9900-100 | | 1 |
| 26 | | V275LA20A | VARISTOR, SURGE PROTECTOR; (V09214), 4800-0000-011, RV12001, RV12002 | | 2 |
| 27 | | 1412-4 | LUG, GND #4; (V83330), 2850-0000-056 | | 1 |
| | | | ATTACHING PARTS | | |
| 28 | | NAS671C4 | NUT 4-40; (V80205), 2850-0000-020 | | 1 |
| | | | ---*--- | | |
| 29 | | 67-02E12-60P | CONNECTOR, CIRC LOCKING; (V98668), 2217-6706-130, J10050 | | 1 |
| | | | ATTACHING PARTS | | |
| 30 | | NAS671C4 | NUT 4-40; (V80205), 2850-0000-020 | | 4 |
| 31 | | MS35333-70 | WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003 | | 3 |
| | | | ---*--- | | |
| 32 | | 2525-7451-800 | GASKET, CONNECTOR | | 2 |
| 33 | | 67-1467 | COVER, CONNECTOR; (V98668), 2125-0001-001 | | 1 |
| | | | ATTACHING PARTS | | |
| 34 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 1 |
| | | | ---*--- | | |
| 35 | | 22-01-2107 | CONNECTOR, LOCKING; (V27264), 2115-0004-010, P25014 | | 1 |
| - 36 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 10 |
| 37 | | ERA2S5310CNLC82 | CONNECTOR, CIRC INC MTG HARDWARE; (V2P953), 2217-9011-700, J10053 | | 1 |
| 38 | | 1414-0000-200 | CAP, CONN | | 1 |
| | | | ATTACHING PARTS | | |
| - 39 | | 3606T27-6 | CHAIN, #6 W/MOUNTING EYELET; (V3A054), 2288-0000-006 | | 1 |
| 40 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 1 |
| | | | ---*--- | | |

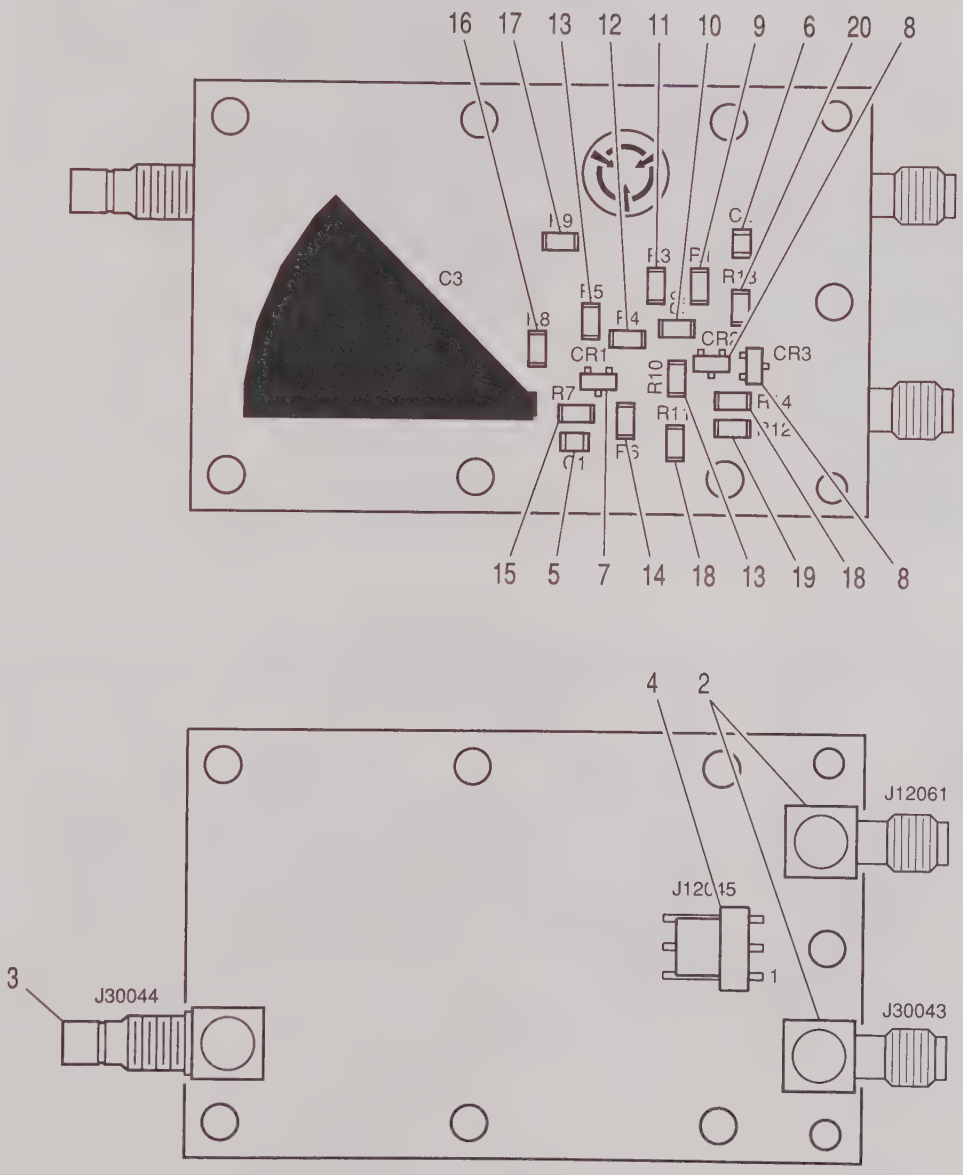
CONTINUED ON NEXT PAGE

| FIG–ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 18 | 41 | | 5512-7501-000 | CONNECTOR, BULKHEAD INCL MTG HARDWARE; (V19505), 2123-0000-074, J10054/J12017, J10055/J12046, J10056/J12020 | | 3 |
| | 42 | | PE6013 | COVER, CONNECTOR; (V53919), 2289-0001-002 | | 3 |
| | | | | ATTACHING PARTS | | |
| | 43 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 1 |
| | | | | ---*--- | | |
| | 44 | | 5512-7501-000 | CONNECTOR, BULKHEAD INCL MTG HARDWARE; (V19505), 2123-0000-074, J10057/J12018 | | 1 |
| | 45 | | 50T-030 | TERMINATION, BNC 50 Ω; (V61162), 2289-0001-003 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 46 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 1 |
| | | | | ---*--- | | |
| | 47 | | 5119-2071-000 | CONNECTOR, BULKHEAD INCL MTG HARDWARE; (V19505), 2123-0000-073, J10058/J12019 | | 1 |
| | 48 | | PE6023 | COVER, CONNECTOR; (V53919), 2289-0001-001 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 49 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 1 |
| | | | | ---*--- | | |
| | 50 | | FH042 | HOLDER, FUSE INCL MTG HARDWARE; (V61857), 5105-0006-000 | | 1 |
| | 51 | | 375-16RED | TIP, VINYL RED; (V15819), 6007-0000-001 | | 1 |
| | 52 | | BKAGC1 | FUSE, FAST BLO 1 A, 250 V; (V71400), 5106-4501-000, F12001 | | 1 |
| | 53 | | 1405-8150-100 | PANEL ASSY, FRONT | | 1 |
| | 54 | | 2403-8150-000 | OVERLAY, FRONT PANEL | | 1 |



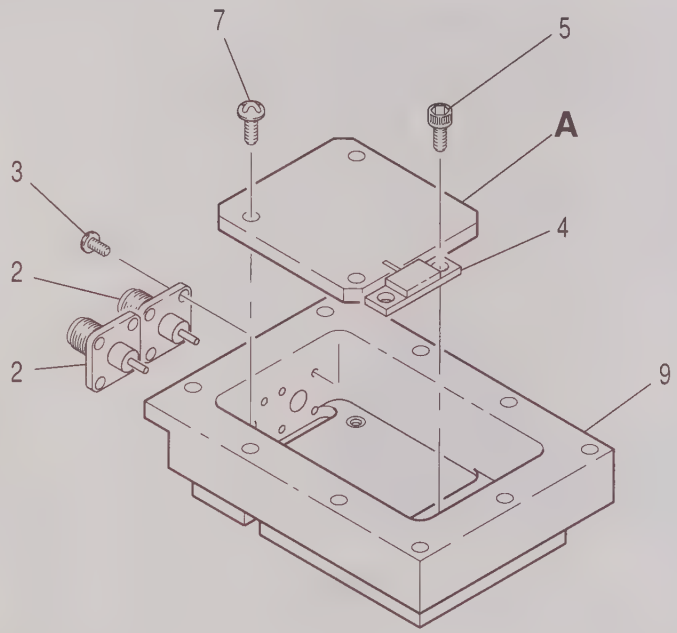

FRONT PANEL LED PC BOARD ASSEMBLY
FIGURE 19

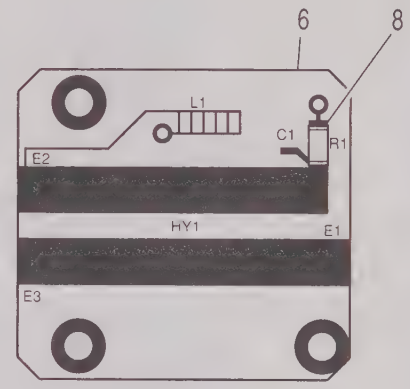
| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 19 - 1 | | 7010-8130-300 | FRONT PANEL LED PC BOARD ASSEMBLY SEE FIG 18 FOR NHA | | REF |
| 2 | | 22-01-2077 | CONNECTOR, LOCKING; (V27264), 2115-0003-001, P25010 | | 1 |
| - 3 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 7 |
| 4 | | HLMP3750 | LED RED; (V54893), 4950-0500-000, CR13001, CR13002 | | 2 |
| 5 | | MV5491A | LED GRN/RED; (V14936), 4818-0000-024, CR13003 | | 1 |
| 6 | | CL905HLL | RESISTOR, PHOTO 10 V, 15 K; (V03911), 4723-0000-100, R13001 | | 1 |
| - 7 | | 2800-8153-900 | SPACER | | 1 |
| 8 | | RLR05C331JR | RESISTOR 5%, 1/8 W, 330 Ω; (V81349), 4701-0331-003, R13002, R13003 | | 2 |




VIDEO DETECTOR PC BOARD ASSEMBLY
FIGURE 20

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 20 - 1 | | 7010-8131-700 | VIDEO DETECTOR PC BOARD ASSEMBLY SEE FIG 18 FOR NHA | | REF |
| 2 | | 50-653-0000-31 | CONNECTOR, SMA; (V98291), 2123-0000-054, J30043, J12061 | | 2 |
| 3 | | 2110-7511-000 | CONNECTOR, SMB; (V19505), 2200-2094-200, J30044 | | 1 |
| 4 | | 22-12-2034 | CONNECTOR, LOCKING; (V27264), 2115-0000-122, J12045 | | 1 |
| 5 | | GRM42-6COG3RO B100VPT | CAPACITOR 3 pF, 100 V; (V72982), 1622-0030-001, C30001 | | 1 |
| 6 | | GR40NP0100D50V | CAPACITOR, CHIP 10 pF, 50 V; (V72982), 1622-0100-001, C30002 | | 1 |
| 7 | | HSMS2800 | DIODE, S-BAR; (V54893), 4816-0000-005, CR30001 | | 1 |
| 8 | | HSMP3830 | DIODE, PIN; (V54893), 4816-0000-018, CR30002, CR30003 | | 2 |
| 9 | | RK73H2B15R0F | RESISTOR 1%, 1/8 W, 15.0 Ω; (V59124), 4722-1509-001, R30001 | | 1 |
| 10 | | RK73H2B22R1F | RESISTOR 1%, 1/8 W, 22.1 Ω; (V59124), 4722-2219-001, R30002 | | 1 |
| 11 | | RK73H2B2210F | RESISTOR 1%, 1/8 W, 221 Ω; (V59124), 4722-2210-001, R30003 | | 1 |
| 12 | | RK73H2B18R2F | RESISTOR 1%, 1/8 W, 18.2 Ω; (V59124), 4722-1829-001, R30004 | | 1 |
| 13 | | RK73H2B39R2F | RESISTOR 1%, 1/8 W, 39.2 Ω; (V59124), 4722-3929-001, R30005, R30010 | | 2 |
| 14 | | RK73H2B51R1F | RESISTOR 1%, 1/8 W, 51.1 Ω; (V59124), 4722-5119-001, R30006 | | 1 |
| 15 | | RK73H2B56R2F | RESISTOR 1%, 1/8 W, 56.2 Ω; (V59124), 4722-5629-001, R30007 | | 1 |
| 16 | | RK73H2B3320F | RESISTOR 1%, 1/8 W, 332 K; (V59124), 4722-3320-001, R30008 | | 1 |
| 17 | | RK73H2B1820F | RESISTOR 1%, 1/8 W, 182 Ω; (V59124), 4722-1820-001, R30009 | | 1 |
| 18 | | RK73H2B68R1F | RESISTOR 1%, 1/8 W, 68.1 Ω; (V59124), 4722-6819-001, R30011, R30014 | | 2 |
| 19 | | RK73H2B33R2F | RESISTOR 1%, 1/8 W, 33.2 Ω; (V59124), 4722-3329-001, R30012 | | 1 |
| 20 | | RK73H2B1002F | RESISTOR 1%, 1/8 W, 10.0 K; (V59124), 4722-1002-001, R30013 | | 1 |



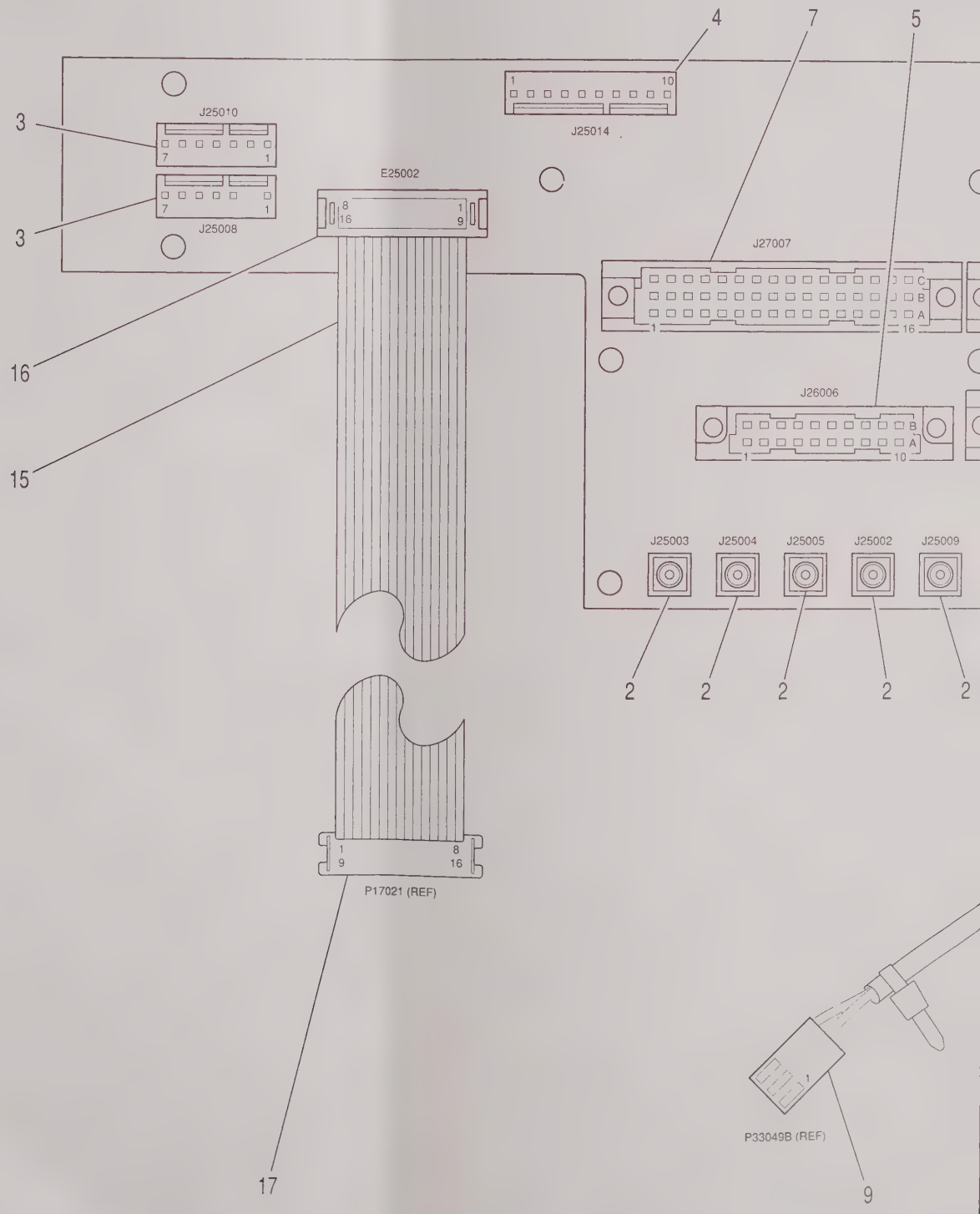




DETAIL A

POWER TERMINATION ASSEMBLY
FIGURE 21

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 | DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 21 - 1 | | 7005-8142-100 | | POWER TERMINATION ASSEMBLY SEE FIG 18 FOR NHA | | REF |
| 2 | | 2105-7610-100 | * | CONNECTOR, SMA, J28028, J28029 | | 2 |
| | | | | ATTACHING PARTS | | |
| 3 | | 2801-0156-006 | | SCREW 2-56 X 5/32 PPHM SS | | 4 |
| | | | | ---*--- | | |
| 4 | | 5650-8100-100 | * | TERMINATION 50 Ω, R28002 | | 1 |
| | | | | ATTACHING PARTS | | |
| 5 | | MS16995-9 | | SCREW 4-40 X 1/4 SHC; (V96906), 2803-0250-002 | | 2 |
| | | | | ---*--- | | |
| 6 | | 1700-8122-100 | | PWR TERMINATION PC BOARD | | 1 |
| | | | | ATTACHING PARTS | | |
| 7 | | MS51957-13 | | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 3 |
| | | | | ---*--- | | |
| 8 | | RM73B2E510J | | RESISTOR 5%, 1/4 W, 51 Ω; (V59124), 4721-0510-003, R28001 | | 1 |
| 9 | | 1415-8151-300 | | ENCLOSURE, BLOCK | | 1 |

NOTE: * CONSULT APPLICABLE MAINTENANCE MANUAL FOR MODIFICATION PROCEDURE.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7
5
1
10
J25014
J25010
3
7
1
3
7
1
J25008
E25002
8
16
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9
J27007
C
B
A
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16
16
J26006
B
A
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10
15
J25003
J25004
J25005
J25002
J25009
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P33049B (REF)
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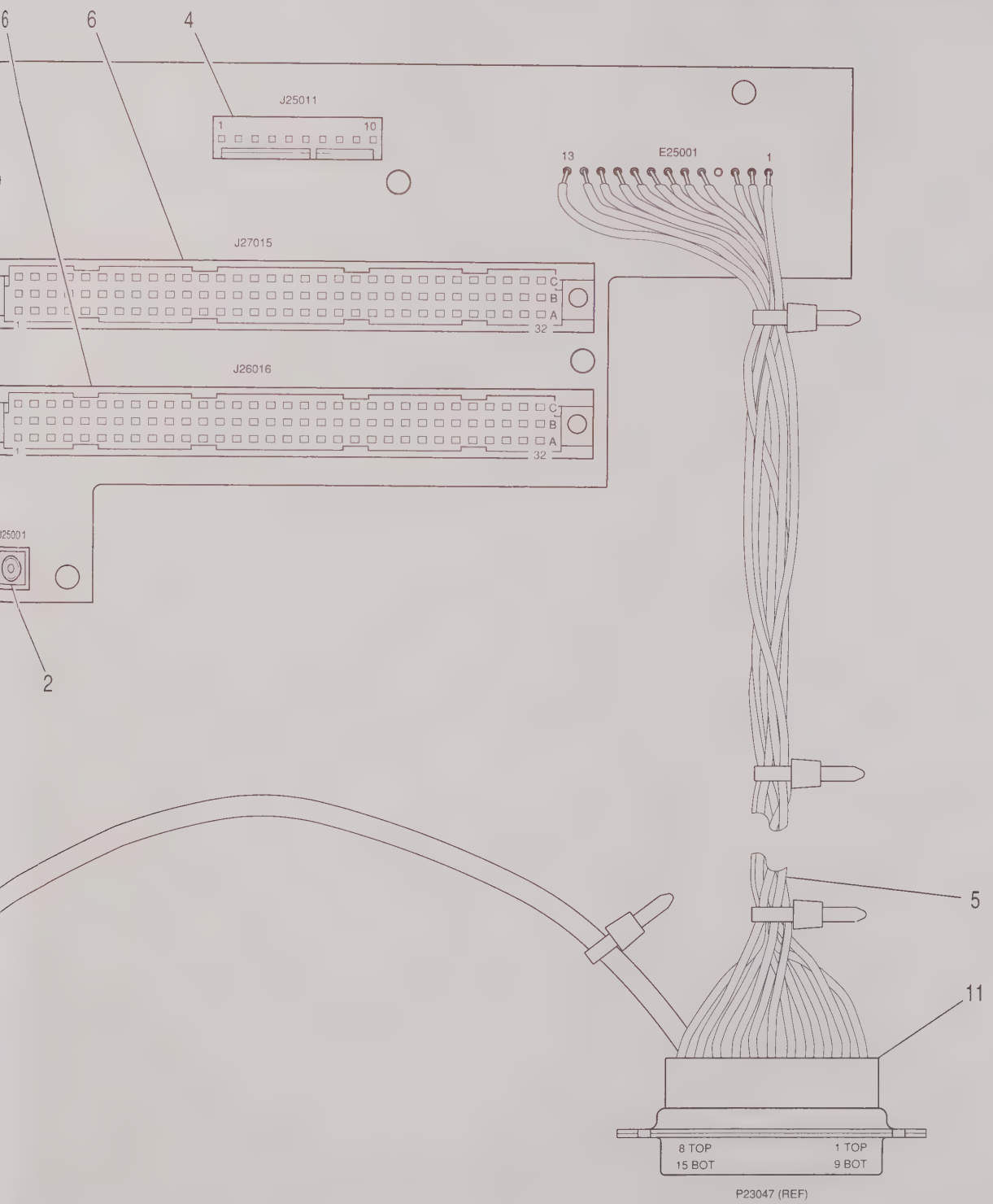


MOTHERBOARD PC BOARD ASSEMBLY
FIGURE 22

# ILLUSTRATED PARTS LIST

| FIG–ITEM NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|
| 22 - 1 | | 7010-8130-000 | MOTHERBOARD PC BOARD ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| 2 | | 2009-7511-000 | CONNECTOR, SMB; (V19505), 2200-2010-400, J25001, J25002, J25003, J25004, J25005, J25009 | | 6 |
| 3 | | 22-11-2072 | CONNECTOR, LOCKING; (V27264), 2115-0002-003, J25008, J25010 | | 2 |
| 4 | | 22-11-2102 | CONNECTOR, LOCKING; (V27264), 2115-0005-010, J25011, J25014 | | 2 |
| 5 | | XC5B2021 | CONNECTOR, HEADER; (V61964), 2129-1003-120, J26006 | | 1 |
| 6 | | 7396-60C3TH | CONNECTOR, HEADER; (V75037), 2129-1003-196, J26016, J27015 | | 2 |
| 7 | | XC5D4821 | CONNECTOR, HEADER; (V61964), 2129-1003-148, J27007 | | 1 |
| 8 | | 7007-8180-100 | WIRE HARNESS ASSY, MAIN | | 1 |
| 9 | | 22-01-2037 | CONNECTOR, LOCKING; (V27264), 2115-0001-009, P33049B | | 1 |
| - 10 | | 08-55-0102 | CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-038 | | 3 |
| 11 | | 205205-1 | CONNECTOR, D-TYPE; (V00779), 2116-0000-003, P23047 | | 1 |
| - 12 | | 66504-3 | CONTACT, CONN 20 - 24 GA; (V00779), 2114-0000-027 | | 9 |
| - 13 | | 66504-9 | CONTACT, CONN 20 - 24 GA; (V00779), 2114-0000-003 | | 1 |
| - 14 | | 66505-3 | CONTACT, CONN 24 - 28 GA; (V00779), 2114-0000-028 | | 5 |
| 15 | | 6045-8180-800 | CABLE ASSY, RIBBON | | 1 |
| 16 | | 609-1630 | CONNECTOR, HEADER; (V15912), 2129-0102-016, E25002 | | 1 |
| 17 | | 3916-0000T | CONNECTOR, HEADER; (V75037), 2129-0103-016, P17021 | | 1 |

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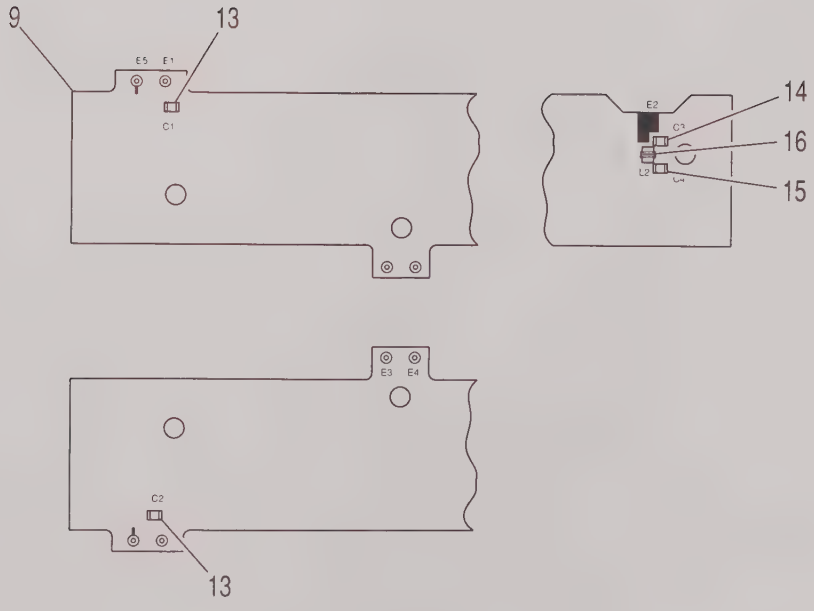
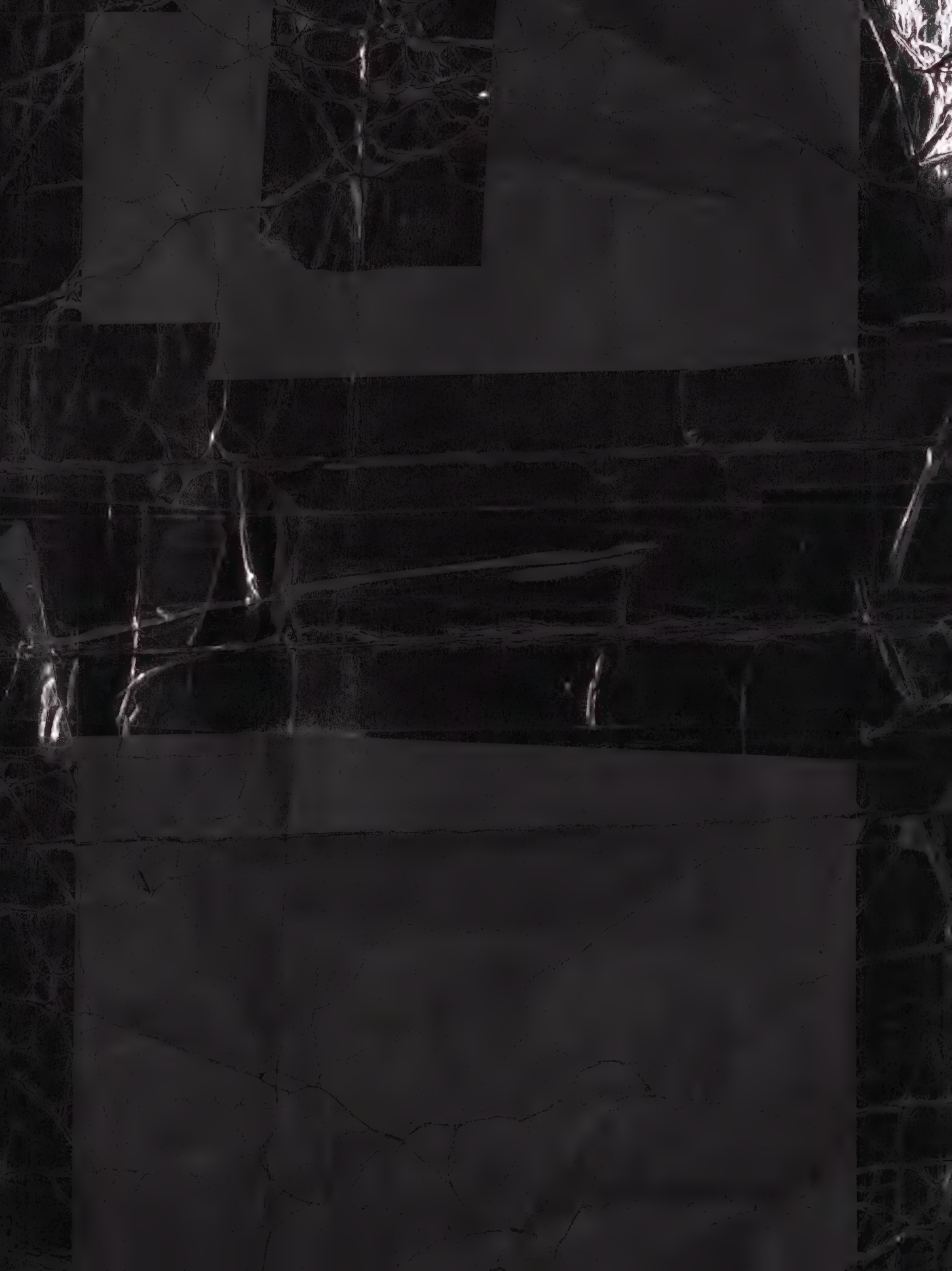
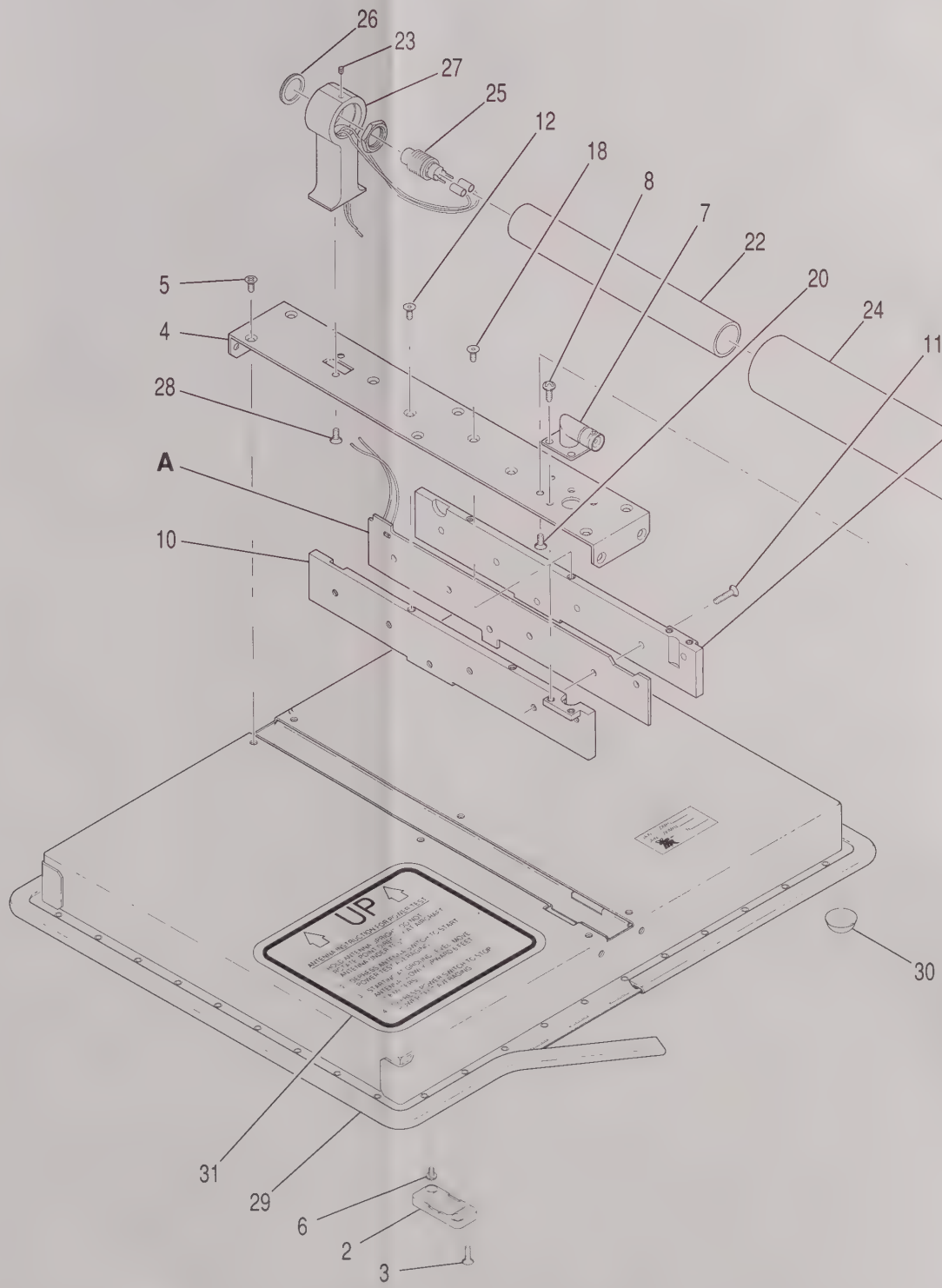



DETAIL **A**

| FIG-ITEM | NO | AIRLINE PART NO | PART NO | 1 2 3 4 5 6 7 DESCRIPTION | EFF | QTY |
|---|---|---|---|---|---|---|
| 23 - | 1 | | 7005-8140-600 | FLAT ANTENNA ASSEMBLY SEE FIG 3 FOR NHA | | REF |
| | 2 | | 1400-8152-400 | PLATE, COVER | | 1 |
| | | | | ATTACHING PARTS | | |
| | 3 | | 2803-0313-003 | SCREW, UNDCHD 4-40 X 5/16 PFHM | | 2 |
| | | | | ---*--- | | |
| | 4 | | 2506-8151-900 | PLATE, COVER | | 1 |
| | | | | ATTACHING PARTS | | |
| | 5 | | MS51959-12 | SCREW 4-40 X 3/16 PFHM; (V96906), 2803-0188-003 | | 10 |
| | 6 | | MS51957-12 | SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006 | | 2 |
| | | | | ---*--- | | |
| | 7 | | 5675UG535U | CONNECTOR, BNC R/A; (V98668), 2113-0000-015, J29001 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 8 | | MS51957-13 | SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006 | | 4 |
| | | | | ---*--- | | |
| | 9 | | 1700-8120-400 | ANTENNA SPLITTER PC BOARD | | 1 |
| | | | | ATTACHING PARTS | | |
| | 10 | | 2506-8151-700 | PLATE, SIDE | | 1 |
| | 11 | | MS51959-16 | SCREW 4-40 X 7/16 PFHM; (V96906), 2803-0438-003 | | 6 |
| | 12 | | 2803-0188-004 | SCREW 4-40 X 3/16 SFHM BLK | | 2 |
| | | | | ---*--- | | |
| | 13 | | 08051A100JAT0 50L | CAPACITOR 10 pF, 100 V; (V16299), 1620-1000-511, C29001, C29002 | | 2 |
| | 14 | | GRM42-6COG2R0 B050BB | CAPACITOR 2.0 pF, 50 V; (V72982), 1622-0020-001, C29003 | | 1 |
| | 15 | | C0805C109D1GAC | CAPACITOR 1 pF, 50 V; (V61637), 1620-1090-511, C29004 | | 1 |
| | 16 | | 1008CT040XM2B | INDUCTOR 4.0 µH; (V02113), 1811-8040-001, L29002 | | 1 |
| | 17 | | 2506-8151-800 | PLATE, SIDE | | 1 |
| | | | | ATTACHING PARTS | | |
| | 18 | | 2803-0188-004 | SCREW 4-40 X 3/16 SFHM BLK | | 2 |
| | | | | ---*--- | | |
| | 19 | | 1400-8152-100 | BRACKET, MTG BOTTOM | | 1 |
| | | | | ATTACHING PARTS | | |
| | 20 | | MS51959-12 | SCREW 4-40 X 3/16 PFHM; (V96906), 2803-0188-003 | | 2 |
| | | | | ---*--- | | |
| | 21 | | 2803-0125-001 | SCREW 4-40 X 1/8 SHS | | 1 |
| | 22 | | 1407-8152-200 | HANDLE | | 1 |
| | | | | ATTACHING PARTS | | |
| | 23 | | 2803-0125-001 | SCREW 4-40 X 1/8 SHS | | 1 |
| | | | | ---*--- | | |
| | 24 | | 6001-055 | GRIP, HANDLE; (VUNK018), 1407-0200-100 | | 1 |
| | 25 | | 8531TCQE | SWITCH, PUSHBUTTON INCL MTG HARDWARE; (V09353), 5115-0501-572, S29001 | | 1 |
| | | | | ATTACHING PARTS | | |
| | 26 | | N12 | NUT 15/32-32; (V95146), 2850-0700-100 | | 1 |
| | | | | ---*--- | | |
| | 27 | | 1400-8152-000 | BRACKET, MTG TOP | | 1 |
| | | | | ATTACHING PARTS | | |
| | 28 | | MS51959-12 | SCREW 4-40 X 3/16 PFHM; (V96906), 2803-0188-003 | | 2 |
| | | | | ---*--- | | |
| | 29 | | 6500-8180-700 | ANTENNA ASSY | | 1 |
| | 30 | | SJ5027GREY | FOOT, RUBBER; (V52865), 1421-0001-022 | | 4 |
| | 31 | | 2400-8154-300 | DECAL ANTENNA | | 1 |

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# 4-3 NUMERICAL INDEX

# NUMERICAL INDEX

| PART NUMBER | AIRLINE PART NO | FIG–ITEM | TOTAL REQD |
|---|---|---|---|
| 02-09-1103 | | 7 - 78 | 2 |
| 03-09-1022 | | 7 77 | 1 |
| 08-55-0102 | | 3 - 53 | 10 |
| 08-55-0102 | | 3 - 56 | 3 |
| 08-55-0102 | | 3 - 59 | 10 |
| 08-55-0102 | | 11 - 5 | 4 |
| 08-55-0102 | | 12 - 5 | 11 |
| 08-55-0102 | | 14 - 3 | 10 |
| 08-55-0102 | | 18 - 18 | 2 |
| 08-55-0102 | | 18 - 24 | 2 |
| 08-55-0102 | | 18 - 36 | 10 |
| 08-55-0102 | | 19 - 3 | 7 |
| 08-55-0102 | | 22 - 10 | 3 |
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| 08051A100JAT050L | | 23 13 | 2 |
| 08051A560JAT050B | | 16 3 | 4 |
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| 10-8665 | | 1 - 17 | A/R |
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| 1002-8101-100 | | 2 8 | 1 |
| 1002-8101-200 | | 2 - 5 | 1 |
| 1002-8101-500 | | 2 - 7 | 1 |
| 1003-0001-000 | | 2 4 | 2 |
| 1003-0001-000 | | 2 6 | 1 |
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| 1008CS102XK2B | | 15 22 | 1 |
| 1008CS102XK2B | | 17 25 | 2 |
| 1008CS122XJ2B | | 11 33 | 2 |
| 1008CS180XK2B | | 17 29 | 1 |
| 1008CS221XK2B | | 15 20 | 1 |
| 1008CS222XK2B | | 11 35 | 1 |
| 1008CS390XK2B | | 17 23 | 3 |
| 1008CS391XK2B | | 17 26 | 2 |
| 1008CS392XK2B | | 17 27 | 2 |
| 1008CS471XK2B | | 17 21 | 2 |
| 1008CS561XK2B | | 11 32 | 1 |
| 1008CS680XK2B | | 17 22 | 1 |
| 1008CS681XK2B | | 11 34 | 1 |
| 1008CT040XM2B | | 23 16 | 1 |
| 1008CT080XK2B | | 17 28 | 4 |
| 1008LS103XK2B | | 11 30 | 2 |
| 1008LS562XK2B | | 11 31 | 3 |
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| 1025-08 | | 13 33 | 2 |
| 1025-10 | | 13 32 | 2 |
| 1025-12 | | 13 28 | 1 |
| 1025-16 | | 13 38 | 1 |
| 1025-18 | | 13 25 | 3 |
| 1025-20 | | 5 28 | 2 |
| 1025-28 | | 13 27 | 2 |
| 1025-34 | | 5 26 | 2 |
| 1025-36 | | 13 24 | 2 |
| 1025-44 | | 13 30 | 5 |
| 1025-68 | | 13 35 | 2 |
| 1025-92 | | 7 27 | 1 |
| 1025-94 | | 5 27 | 2 |
| 1025-94 | | 13 34 | 2 |
| 1025-96 | | 13 31 | 2 |
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| 1063 | | 3 3 | 2 |
| 10TFETWNAT | | 1 -137 | A/R |
| 120-5 | | 1 - 3 | A/R |
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| 12061A330JAT050L | | 11 18 | 1 |
| 12061A331JAT050L | | 11 11 | 3 |
| 12061A390FAT050L | | 17 13 | 2 |
| 12061A390JAT050L | | 11 21 | 1 |
| 12061A391JAT050L | | 11 17 | 2 |
| 12061A391JAT050L | | 17 14 | 2 |
| 12061A470JAT050L | | 17 5 | 3 |
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| 12GABC | | 1 - 33 | A/R |
| 12TFETWNAT | | 1 -136 | A/R |
| 1300 | | 1 - 4 | A/R |
| 140-175-1612-04 | | 4 98 | 1 |
| 1400-8152-000 | | 23 27 | 1 |
| 1400-8152-100 | | 23 19 | 1 |
| 1400-8152-400 | | 23 2 | 1 |
| 1400-8152-500 | | 8 17 | 1 |
| 1405-8150-100 | | 18 53 | 1 |
| 1407-7450-200 | | 3 47 | 2 |
| 1407-8152-200 | | 23 22 | 1 |
| 1410-7452-300 | | 3 40 | 1 |
| 1412-4 | | 18 19 | 1 |
| 1412-4 | | 18 27 | 2 |
| 1414-0000-200 | | 18 38 | 1 |
| 1414-8150-200 | | 18 12 | 1 |
| 1414-8150-400 | | 9 11 | 1 |
| 1414-8150-500 | | 9 13 | 1 |
| 1414-8150-900 | | 3 38 | 1 |
| 1414-8151-500 | | 6 2 | 1 |

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| PART NUMBER | AIRLINE PART NO | FIG–ITEM | TOTAL REQD |
|---|---|---|---|
| 1414-8152-900 | | 3 8 | 1 |
| 1414-8153-100 | | 9 10 | 1 |
| 1414-8550-700 | | 9 6 | 1 |
| 1415-8150-300 | | 14 39 | 1 |
| 1415-8150-600 | | 12 12 | 1 |
| 1415-8151-300 | | 21 9 | 1 |
| 1415-8151-400 | | 6 16 | 1 |
| 1415-8553-000 | | 11 75 | 1 |
| 15-04-9209 | | 3 - 60 | 1 |
| 15-04-9209 | | 12 - 6 | 1 |
| 15-04-9209 | | 14 4 | 1 |
| 15-04-9209 | | 18 25 | 1 |
| 15-12437 | | 1 -179 | A/R |
| 1513-10B | | 4 25 | 1 |
| 1513-5B | | 5 24 | 1 |
| 16-02-0097 | | 3 - 51 | 10 |
| 1611CS153CK1B | | 15 21 | 1 |
| 1611CS223CK2B | | 15 19 | 1 |
| 16TFETWNAT | | 1 -135 | A/R |
| 1700-8120-400 | | 23 9 | 1 |
| 1700-8122-100 | | 21 7 | 1 |
| 171-25 | | 1 -175 | A/R |
| 173D105X0035U | | 7 13 | 1 |
| 173D105X0035U | | 10 10 | 1 |
| 173D105X0035U | | 13 17 | 1 |
| 1800-5354-900 | | 7 26 | 5 |
| 1800-5355-200 | | 5 29 | 2 |
| 1800-8181-000 | | 13 37 | 1 |
| 1800F | | 3 74 | 4 |
| 1808-8100-003 | | 17 48 | 1 |
| 1812CS103XK2B | | 4 28 | 1 |
| 182-11-100K | | 15 41 | 1 |
| 182-11-20K | | 15 43 | 1 |
| 182-11-500 | | 15 44 | 1 |
| 18TFETWNAT | | 1 -134 | A/R |
| 199D157X0016FE2 | | 7 14 | 2 |
| 199D157X0016FE2 | | 10 12 | 1 |
| 199D226X0035EE2 | | 7 15 | 4 |
| 199D226X0050FE2 | | 5 19 | 3 |
| 199D336X9016DA1 | | 10 13 | 1 |
| 199D476X0033FE2 | | 5 11 | 1 |
| 199D476X0033FE2 | | 10 14 | 1 |
| 1N5281B | | 4 24 | 2 |
| 20-21110 | | 1 -164 | A/R |
| 2009-7511-000 | | 5 69 | 1 |
| 2009-7511-000 | | 10 4 | 2 |
| 2009-7511-000 | | 13 91 | 2 |
| 2009-7511-000 | | 22 2 | 6 |
| 2019-7511-000 | | 11 2 | 3 |
| 2019-7511-000 | | 12 2 | 5 |
| 2019-7511-000 | | 14 7 | 1 |
| 2019-7511-000 | | 14 35 | 1 |
| 205205-1 | | 22 11 | 1 |
| 205867-1 | | 7 2 | 1 |
| 20TFETWNAT | | 1 -133 | A/R |
| 2105-7610-100 | | 21 2 | 2 |
| 2110-7511-000 | | 20 3 | 1 |
| 213-020-602 | | 5 94 | 1 |
| 22-01-2027 | | 18 17 | 1 |
| 22-01-2037 | | 3 55 | 2 |
| 22-01-2037 | | 22 9 | 1 |
| 22-01-2047 | | 11 4 | 1 |
| 22-01-2047 | | 18 23 | 1 |
| 22-01-2077 | | 3 58 | 2 |
| 22-01-2077 | | 19 2 | 1 |
| 22-01-2107 | | 3 52 | 1 |
| 22-01-2107 | | 18 35 | 1 |
| 22-01-2127 | | 12 4 | 1 |
| 22-01-2127 | | 14 2 | 1 |
| 22-10-2021 | | 10 18 | 1 |
| 22-11-2022 | | 4 4 | 1 |
| 22-11-2032 | | 10 5 | 1 |
| 22-11-2042 | | 10 7 | 1 |
| 22-11-2072 | | 8 4 | 1 |
| 22-11-2072 | | 10 3 | 1 |
| 22-11-2072 | | 22 3 | 2 |
| 22-11-2102 | | 4 5 | 1 |
| 22-11-2102 | | 22 4 | 2 |
| 22-11-2122 | | 10 6 | 2 |
| 22-12-2034 | | 20 4 | 1 |
| 222-21 | | 1 - 6 | A/R |
| 2259N194 | | 3 32 | 12 |
| 22J50R | | 8 10 | 1 |
| 22TFETWNAT | | 1 -132 | A/R |
| 23071-4 | | 3 75 | 2 |
| 2363-0134-000 | | 13 93 | 1 |
| 2400-2386-300 | | 3 14 | 1 |
| 2400-8154-300 | | 23 31 | 1 |
| 2400-8156-300 | | 3 13 | 1 |
| 2403-8150-000 | | 18 54 | 1 |
| 24TFETWNAT | | 1 -131 | A/R |
| 2506-8151-700 | | 23 10 | 1 |
| 2506-8151-800 | | 23 17 | 1 |
| 2506-8151-900 | | 23 4 | 1 |
| 2510-5064-301 | | 7 72 | 1 |
| 2510-5090-700 | | 5 34 | 1 |
| 251004 | | 7 25 | 1 |
| 2517-8155-100 | | 3 16 | 2 |
| 2517-8155-200 | | 3 29 | 1 |
| 2525-7451-700 | | 3 7 | 1 |
| 2525-7451-800 | | 18 32 | 2 |
| 25MS710M | | 4 15 | 4 |
| 25MS710M | | 5 7 | 7 |
| 25MS710M | | 7 7 | 1 |
| 25MS710M | | 10 15 | 1 |
| 26TFETWNAT | | 1 -130 | A/R |
| 27 | | 1 - 26 | A/R |
| 2800-7600-144 | | 3 63 | 2 |
| 2800-8153-900 | | 19 - 7 | 1 |
| 2801-0156-006 | | 21 3 | 4 |
| 2803-0125-001 | | 23 21 | 1 |
| 2803-0125-001 | | 23 23 | 1 |
| 2803-0188-004 | | 23 12 | 2 |
| 2803-0188-004 | | 23 18 | 2 |
| 2803-0250-003 | | 3 64 | 2 |
| 2803-0250-003 | | 6 5 | 2 |
| 2803-0313-003 | | 6 6 | 4 |
| 2803-0313-003 | | 23 3 | 2 |
| 2803-1750-006 | | 9 5 | 7 |
| 2831 | | 1 -189 | A/R |

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| PART NUMBER | AIRLINE PART NO | FIG–ITEM | TOTAL REQD |
|---|---|---|---|
| 2840-7600-208 | | 14 6 | 1 |
| 2840-7600-208 | | 14 23 | 1 |
| 2840-7600-208 | | 14 25 | 1 |
| 2840-7600-208 | | 14 33 | 1 |
| 2840-7600-216 | | 5 33 | 1 |
| 2840-7600-216 | | 7 71 | 1 |
| 2840-7600-229 | | 11 3 | 3 |
| 2840-7600-229 | | 12 3 | 5 |
| 2840-7600-229 | | 14 8 | 1 |
| 2840-7600-229 | | 14 36 | 1 |
| 2840-7600-232 | | 3 48 | 4 |
| 2850-7453-200 | | 3 - 78 | 1 |
| 290-21 | | 1 - 24 | A/R |
| 293D105X9016A2 | | 4 9 | 1 |
| 293D105X9016A2 | | 11 13 | 5 |
| 293D106X09025D2 | | 4 10 | 5 |
| 293D224X9016A2 | | 11 14 | 1 |
| 293D474X9025A2 | | 4 14 | 4 |
| 293D474X9025A2 | | 5 12 | 1 |
| 293D476X9010D2 | | 4 16 | 1 |
| 293D476X9010D2 | | 5 10 | 1 |
| 294SNT1009Z | | 13 26 | 3 |
| 298 | | 1 - 11 | A/R |
| 299 | | 1 - 12 | A/R |
| 299-1 | | 1 - 13 | A/R |
| 299-3 | | 1 - 29 | A/R |
| 2C1000-5 | | 13 89 | 2 |
| 2H202 | | 7 66 | 1 |
| 2H202 | | 10 54 | 1 |
| 2H202 | | 11 70 | 1 |
| 30TE130BLK | | 1 -103 | A/R |
| 30TE130BLU | | 1 -109 | A/R |
| 30TE130BRN | | 1 -104 | A/R |
| 30TE130GRN | | 1 -108 | A/R |
| 30TE130GRY | | 1 -111 | A/R |
| 30TE130ORN | | 1 -106 | A/R |
| 30TE130RED | | 1 -105 | A/R |
| 30TE130VIO | | 1 -110 | A/R |
| 30TE130WHT | | 1 -112 | A/R |
| 30TE130YEL | | 1 -107 | A/R |
| 3266Z1-103 | | 4 48 | 2 |
| 3266Z1-103 | | 13 45 | 1 |
| 3302-34 | | 1 -169 | A/R |
| 3304-60 | | 1 -173 | A/R |
| 3314G1-101E | | 17 44 | 2 |
| 3314G1-102E | | 17 39 | 2 |
| 3314G1-103E | | 11 65 | 1 |
| 3314G1-503E | | 11 62 | 1 |
| 3339W1-103 | | 10 39 | 1 |
| 3391-8 | | 1 -177 | A/R |
| 34HPNBF | | 1 - 43 | A/R |
| 350FASTDRYING | | 1 - 7 | A/R |
| 3581-37 | | 1 -170 | A/R |
| 3581-40 | | 1 -171 | A/R |
| 3583-16 | | 1 -192 | A/R |
| 3583-20 | | 1 -165 | A/R |
| 3583-24 | | 1 -166 | A/R |
| 3583-25 | | 1 -167 | A/R |
| 3583-50 | | 1 -172 | A/R |
| 3599-6002 | | 10 2 | 1 |
| 3606T27-6 | | 18 - 39 | 1 |
| 375-16RED | | 18 51 | 1 |
| 3811-10 | | 1 -176 | A/R |
| 3811-20 | | 1 -174 | A/R |
| 3916-0000T | | 22 17 | 1 |
| 4000-7480-300 | | 3 37 | 1 |
| 410 | | 1 - 15 | A/R |
| 425-12 | | 1 - 25 | A/R |
| 428-169 | | 11 7 | 1 |
| 428-169 | | 12 9 | 2 |
| 428-169 | | 14 11 | 1 |
| 428-169 | | 14 14 | 1 |
| 428-169 | | 14 17 | 1 |
| 428-169 | | 14 27 | 1 |
| 431 | | 1 - 20 | A/R |
| 4432 | | 1 - 19 | A/R |
| 4503-8152-600 | | 3 33 | 1 |
| 4516 | | 1 - 22 | A/R |
| 4600-6800-401 | | 4 81 | 1 |
| 4610X101-103 | | 4 57 | 1 |
| 465-51 | | 1 - 18 | A/R |
| 4753-0102-002 | | 7 57 | 1 |
| 4753-0102-002 | | 13 74 | 1 |
| 4753-0103-002 | | 5 65 | 1 |
| 4753-0201-002 | | 13 80 | 2 |
| 4753-0202-002 | | 7 37 | 1 |
| 4753-0203-002 | | 10 54 | 1 |
| 4753-0204-002 | | 10 30 | 1 |
| 4753-0502-002 | | 10 33 | 1 |
| 4753-0503-002 | | 10 29 | 3 |
| 4756-2450-000 | | 7 60 | 1 |
| 4756-2510-400 | | 7 61 | 1 |
| 4756-2510-400 | | 10 34 | 1 |
| 4809-0000-005 | | 5 35 | 1 |
| 50-57-9410 | | 3 50 | 1 |
| 50-653-0000-31 | | 20 2 | 2 |
| 5082-2800 | | 5 23 | 2 |
| 5082-2800 | | 7 24 | 2 |
| 5082-2800 | | 13 22 | 2 |
| 5082-2835 | | 13 23 | 4 |
| 50T030 | | 18 45 | 1 |
| 51-712-001 | | 11 6 | 3 |
| 51-712-001 | | 12 7 | 7 |
| 51-712-001 | | 14 9 | 5 |
| 51-712-001 | | 14 10 | 1 |
| 51-712-001 | | 14 13 | 1 |
| 51-712-001 | | 14 16 | 1 |
| 51-712-001 | | 14 26 | 1 |
| 51-712-001 | | 14 34 | 1 |
| 5100-10 | | 1 -188 | A/R |
| 511-038 | | 13 43 | 2 |
| 5119-2071-000 | | 18 47 | 1 |
| 533205-1 | | 4 7 | 1 |
| 533205-1 | | 5 5 | 1 |
| 5371BA | | 3 - 6 | 1 |
| 54-713-001-101M | | 12 8 | 3 |
| 54-713-001-101M | | 14 29 | 5 |
| 55-2628-11 | | 1 -168 | A/R |
| 55100 | | 13 40 | 8 |
| 5512-7501-000 | | 18 41 | 3 |

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| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|
| 5512-7501-000 | | 18 44 | 1 |
| 5604-7401-100 | | 7 67 | 2 |
| 5604-8100-003 | | 8 15 | 1 |
| 5650-8100-100 | | 21 5 | 1 |
| 5675UG535U | | 23 7 | 1 |
| 5859 | | 1 - 55 | A/R |
| 5KP50 | | 7 23 | 1 |
| 6001-055 | | 23 24 | 1 |
| 6042-8180-300 | | 14 21 | 1 |
| 6043-1150-250 | | 18 5 | 1 |
| 6043-1150-350 | | 18 6 | 1 |
| 6044-1200-600 | | 3 - 72 | 1 |
| 6044-1260-660 | | 3 - 73 | 1 |
| 6045-8180-800 | | 22 15 | 1 |
| 6046-8181-000 | | 3 - 54 | 1 |
| 6046-8181-100 | | 3 - 57 | 1 |
| 6050-0040-350 | | 18 4 | 1 |
| 6050-0040-650 | | 3 - 68 | 1 |
| 6050-0040-800 | | 3 - 67 | 1 |
| 6050-0040-870 | | 9 15 | 1 |
| 6050-0041-050 | | 3 - 66 | 2 |
| 6050-0041-130 | | 9 17 | 1 |
| 6050-0041-150 | | 3 - 71 | 1 |
| 6050-0041-220 | | 3 - 69 | 1 |
| 6050-0041-420 | | 3 - 70 | 1 |
| 6050-0560-400 | | 9 16 | 1 |
| 6057-1109-600 | | 3 27 | 1 |
| 609-1630 | | 22 16 | 1 |
| 62-332B7 | | 1 - 28 | A/R |
| 6500-7481-000 | | 3 21 | 1 |
| 6500-8180-400 | | 3 76 | 1 |
| 6500-8180-700 | | 23 29 | 1 |
| 6632 | | 1 -183 | A/R |
| 66504-3 | | 22 - 12 | 9 |
| 66504-9 | | 22 - 13 | 1 |
| 66505-3 | | 22 - 14 | 5 |
| 67-02E12-60P | | 18 29 | 1 |
| 67-1467 | | 18 33 | 1 |
| 67012 | | 3 20 | 1 |
| 67014 | | 3 18 | 1 |
| 7005-8140-100 | | 3 - 30 | 1 |
| 7005-8141-500 | | 3 2 | 1 |
| 7005-8142-200 | | 3 - 24 | 1 |
| 7005-8142-300 | | 3 25 | 1 |
| 7005-8142-400 | | 3 26 | 1 |
| 7007-8180-100 | | 22 8 | 1 |
| 7007-8180-200 | | 3 - 49 | 1 |
| 7009-8140-000 | | 3 - 65 | 1 |
| 7010-7430-400 | | 8 2 | 1 |
| 7010-8130-000 | | 3 61 | 1 |
| 7010-8130-900 | | 9 2 | 1 |
| 7010-8531-000 | | 11 9 | 1 |
| 705-53-0009 | | 18 22 | 1 |
| 718R | | 3 4 | 4 |
| 7396-60C3TH | | 22 6 | 2 |
| 74AC374SC | | 5 79 | 2 |
| 74ACT161SC | | 5 78 | 3 |
| 74HC125D | | 4 68 | 1 |
| 74HC138D | | 4 82 | 1 |
| 74HCT244D | | 4 62 | 6 |
| 74HCT32D | | 4 93 | 1 |
| 74HCT74D | | 4 63 | 1 |
| 7621WHT | | 1 -187 | A/R |
| 7632A | | 1 -184 | A/R |
| 7633 | | 1 -185 | A/R |
| 7721-7PPS | | 6 9 | 4 |
| 8013 | | 1 - 8 | A/R |
| 8014EMX500E1 | | 5 52 | 2 |
| 8019 | | 1 - 9 | A/R |
| 8020 | | 1 - 10 | A/R |
| 8024 | | 1 - 14 | A/R |
| 8045 | | 1 - 38 | A/R |
| 8048 | | 1 - 39 | A/R |
| 8049 | | 1 - 34 | A/R |
| 8050 | | 1 - 40 | A/R |
| 8051 | | 1 - 35 | A/R |
| 8051 | | 1 - 41 | A/R |
| 8053 | | 1 - 32 | A/R |
| 8053 | | 1 - 42 | A/R |
| 8054 | | 1 - 36 | A/R |
| 8055 | | 1 - 31 | A/R |
| 8056 | | 1 - 37 | A/R |
| 80SQ045 | | 7 19 | 3 |
| 8132-12 | | 1 -178 | A/R |
| 821574-1 | | 4 94 | 2 |
| 821574-1 | | 5 92 | 1 |
| 8411 | | 1 -190 | A/R |
| 8531TCQE | | 23 25 | 1 |
| 85931-6 | | 4 - 59 | 75 |
| 85931-6 | | 5 - 68 | 23 |
| 85931-6 | | 7 73 | 2 |
| 85931-6 | | 10 55 | 1 |
| 85931-6 | | 13 90 | 1 |
| 8660 | | 1 -163 | A/R |
| 8777 | | 1 -186 | A/R |
| 9402-0 | | 15 4 | 1 |
| 9402-1 | | 16 7 | 2 |
| 9402-1 | | 17 19 | 1 |
| 9422-9513-002 | | 14 5 | 1 |
| 9422-9513-002 | | 14 22 | 1 |
| 9422-9513-002 | | 14 24 | 2 |
| 9422-9513-002 | | 14 32 | 1 |
| A340-625-12 | | 3 15 | 1 |
| AD667AD | | 4 86 | 1 |
| AD9048KQ | | 5 70 | 2 |
| AM427-2A | | 5 84 | 1 |
| AN960C6 | | 3 10 | 3 |
| ASI30102-850 | | 15 16 | 1 |
| AT27C512-20LI | | 4 100 | 2 |
| B14-047-01 | | 17 - 31 | 2 |
| BB409 | | 13 20 | 1 |
| BKAGC1 | | 3 17 | 1 |
| BKAGC1 | | 18 52 | 1 |
| C052K103K1X5CA | | 5 18 | 2 |
| C052K103K1X5CA | | 13 2 | 14 |
| C0805C109D1GAC | | 23 15 | 1 |
| C320C220J2G5CA | | 5 16 | 2 |
| C320C220J2G5CA | | 13 14 | 1 |
| C410C104M545CA | | 5 6 | 16 |
| C410C104M545CA | | 7 8 | 12 |

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| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|
| C410C104M545CA | | 10 11 | 3 |
| C410C104M545CA | | 13 11 | 4 |
| C410C104M545CA | | 14 15 | 1 |
| C410C104M545CA | | 14 28 | 1 |
| CA3130AM | | 4 92 | 1 |
| CA3130AM | | 15 53 | 1 |
| CA3130E | | 5 90 | 1 |
| CA3130E | | 10 58 | 1 |
| CD4027BCN | | 7 75 | 1 |
| CD74ACT112M | | 5 85 | 1 |
| CL905HLL | | 19 6 | 1 |
| CLC401AJP | | 5 86 | 2 |
| CP510HM10 | | 7 32 | 1 |
| CY7C128A20VC | | 5 73 | 2 |
| CY7C172A15VC | | 5 74 | 4 |
| DD104 | | 8 5 | 2 |
| DF103B | | 6 11 | 4 |
| DS1235YWL120 | | 4 70 | 1 |
| DV6PS25A | | 5 15 | 2 |
| EPS2PC1 | | 8 12 | 1 |
| ERA2S5310CNLC82 | | 18 37 | 1 |
| FH042 | | 18 50 | 1 |
| FIT221-116BLK | | 1 -117 | A/R |
| FIT221-12CLR | | 1 -126 | A/R |
| FIT221-14BLK | | 1 -123 | A/R |
| FIT221-18BLK | | 1 -120 | A/R |
| FIT221-18CLR | | 1 -119 | A/R |
| FIT221-3 | | 1 -129 | A/R |
| FIT221-316BLK | | 1 -122 | A/R |
| FIT221-316CLR | | 1 -121 | A/R |
| FIT221-332BLK | | 1 -118 | A/R |
| FIT221-38BLK | | 1 -124 | A/R |
| FSN21A180 | | 1 -115 | A/R |
| FSN22A180 | | 1 -116 | A/R |
| GAL16V8A12LVC | | 5 77 | 1 |
| GRM40C0G3R0C100BB | | 16 5 | 4 |
| GRM40C0G470K100BB | | 16 2 | 4 |
| GRM42-6C0G100B050BB | | 20 6 | 1 |
| GRM42-6C0G101J100BB | | 4 13 | 5 |
| GRM42-6C0G101J100BB | | 11 26 | 1 |
| GRM42-6C0G101J100BB | | 15 10 | 2 |
| GRM42-6C0G1A0B050BB | | 17 8 | 5 |
| GRM42-6C0G1R5B050BB | | 15 5 | 4 |
| GRM42-6C0G1R5B050BB | | 17 16 | 2 |
| GRM42-6C0G2R0B050BB | | 13 18 | 1 |
| GRM42-6C0G2R0B050BB | | 15 12 | 1 |
| GRM42-6C0G2R0B050BB | | 17 18 | 1 |
| GRM42-6C0G2R0B050BB | | 23 14 | 1 |
| GRM42-6C0G3R0B100VPT | | 15 11 | 8 |
| GRM42-6C0G3R0B100VPT | | 17 2 | 1 |
| GRM42-6C0G3R0B100VPT | | 20 5 | 1 |
| GRM42-6C0G5R0B100BB | | 15 6 | 2 |
| GRM42-6C0G5R0B100BB | | 17 7 | 1 |
| GRM42-6U2J2R0B050BB | | 15 14 | 1 |
| GRM42-6X7R153J050BB | | 15 8 | 1 |
| GRM42-6X7R472K050BB | | 17 17 | 2 |
| GUDELACE18NATURAL | | 1 - 16 | A/R |
| HD61830B00H | | 4 90 | 1 |
| HLMP3750 | | 19 4 | 2 |
| HSMP3830 | | 16 9 | 4 |
| HSMP3830 | | 20 8 | 2 |
| HSMS2800 | | 10 17 | 1 |
| HSMS2800 | | 11 29 | 2 |
| HSMS2800 | | 16 8 | 1 |
| HSMS2800 | | 20 7 | 1 |
| HSMS2802 | | 4 20 | 3 |
| HSMS2802 | | 15 17 | 1 |
| HSMS2803 | | 4 19 | 2 |
| HSMS2804 | | 11 28 | 1 |
| HSMS2813 | | 11 27 | 3 |
| HXTR3101 | | 15 25 | 6 |
| HXTR3101 | | 17 33 | 1 |
| IC61-0324-033 | | 4 96 | 2 |
| ICB286S8TG | | 4 - 97 | 1 |
| ICB286S8TG | | 5 91 | 2 |
| ICN083S3G | | 4 95 | 3 |
| ICO243S8TG | | 5 93 | 2 |
| IDT7130SA100J | | 5 72 | 1 |
| IM256UH10 | | 13 36 | 2 |
| IR80SQ030 | | 5 22 | 1 |
| IR80SQ030 | | 7 22 | 1 |
| IRF521 | | 5 39 | 1 |
| JAN1N4148 | | 7 18 | 5 |
| JAN1N4148 | | 13 21 | 5 |
| JAN1N4752A | | 8 8 | 1 |
| JAN1N5231B | | 4 22 | 1 |
| JAN1N5245B | | 7 21 | 2 |
| JAN2N2405 | | 7 31 | 1 |
| JAN2N3903 | | 5 37 | 1 |
| JAN2N3903 | | 10 20 | 2 |
| JAN2N3903 | | 13 41 | 2 |
| JAN2N3905 | | 7 30 | 2 |
| JAN2N5109 | | 13 42 | 2 |
| JAN2N5109 | | 13 44 | 2 |
| JAN2N6397 | | 8 9 | 1 |
| KSA1M411K0207 | | 4 58 | 1 |
| KSA1M411K0207 | | 5 66 | 1 |
| LM219J14A | | 11 72 | 2 |
| LM236AH25 | | 4 23 | 1 |
| LM236AH25 | | 5 21 | 1 |
| LM248J | | 4 80 | 1 |
| LM2901N | | 7 76 | 2 |
| LM2931CT | | 10 59 | 1 |
| LM2940CT12 | | 7 80 | 2 |
| LM335H | | 13 19 | 1 |
| LM394N | | 10 19 | 2 |
| LM54B64G240KSY2 | | 18 15 | 1 |
| LM556J | | 4 89 | 1 |
| M430-3 | | 1 - 30 | A/R |
| M54 | | 1 - 27 | A/R |
| MAX233EPP | | 4 76 | 1 |
| MB5A | | 3 23 | 1 |
| MB81461-12PZ | | 4 73 | 2 |
| MC74AC00D | | 11 74 | 1 |
| MC74AC00N | | 10 57 | 2 |
| MC74AC74D | | 11 73 | 1 |
| MC74AC74N | | 13 92 | 1 |
| MC74ACT00D | | 5 83 | 1 |
| MC74ACT02D | | 4 83 | 1 |
| MC74ACT02D | | 5 87 | 1 |

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| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|
| MC74ACT138D | | 4 64 | 2 |
| MC74ACT138D | | 5 75 | 1 |
| MC74ACT14D | | 4 74 | 2 |
| MC74ACT14D | | 5 81 | 2 |
| MC74ACT157D | | 4 69 | 2 |
| MC74ACT244DW | | 4 75 | 2 |
| MC74ACT244DW | | 5 80 | 3 |
| MC74ACT245DW | | 4 65 | 1 |
| MC74ACT373DW | | 4 66 | 1 |
| MC74ACT74D | | 4 61 | 1 |
| MC74ACT74D | | 5 82 | 1 |
| MC74HC00D | | 4 67 | 1 |
| MC74HC161D | | 4 84 | 1 |
| MC74HCT374ADW | | 4 85 | 1 |
| MMBD914L | | 17 20 | 1 |
| MMBR5179L | | 11 37 | 2 |
| MMBR911 | | 15 26 | 1 |
| MMBT2222AL | | 4 31 | 3 |
| MMBT2222AL | | 5 38 | 1 |
| MMBT3904L | | 4 29 | 4 |
| MMBT3904L | | 11 38 | 4 |
| MMBT3906L | | 15 23 | 2 |
| MMBT5087 | | 17 32 | 2 |
| MMBTH10L | | 11 36 | 3 |
| MMBV105GL | | 15 18 | 1 |
| MRF5812 | | 17 34 | 1 |
| MRF5943 | | 15 24 | 1 |
| MS16995-9 | | 21 6 | 2 |
| MS171492 | | 4 - 3 | 2 |
| MS171492 | | 5 - 3 | 2 |
| MS35333-70 | | 5 32 | 1 |
| MS35333-70 | | 5 42 | 1 |
| MS35333-70 | | 7 5 | 2 |
| MS35333-70 | | 18 31 | 4 |
| MS35333-71 | | 7 70 | 1 |
| MS35649-244 | | 5 31 | 1 |
| MS35649-244 | | 5 41 | 1 |
| MS35649-244 | | 7 4 | 2 |
| MS35649-244 | | 18 16 | 4 |
| MS35649-244 | | 18 20 | 4 |
| MS51795-803 | | 6 8 | 4 |
| MS51795-803 | | 18 21 | 4 |
| MS51957-12 | | 11 10 | 7 |
| MS51957-12 | | 12 11 | 14 |
| MS51957-12 | | 14 20 | 10 |
| MS51957-12 | | 14 31 | 9 |
| MS51957-12 | | 14 38 | 5 |
| MS51957-12 | | 18 8 | 7 |
| MS51957-12 | | 18 34 | 1 |
| MS51957-12 | | 18 40 | 1 |
| MS51957-12 | | 18 43 | 1 |
| MS51957-12 | | 18 46 | 1 |
| MS51957-12 | | 18 49 | 1 |
| MS51957-12 | | 23 6 | 2 |
| MS51957-121 | | 18 11 | 4 |
| MS51957-13 | | 3 62 | 14 |
| MS51957-13 | | 5 40 | 1 |
| MS51957-13 | | 6 10 | 9 |
| MS51957-13 | | 8 3 | 4 |
| MS51957-13 | | 9 3 | 4 |
| MS51957-13 | | 9 7 | 1 |
| MS51957-13 | | 21 8 | 3 |
| MS51957-13 | | 23 8 | 4 |
| MS51957-14 | | 7 3 | 2 |
| MS51957-14 | | 9 14 | 4 |
| MS51957-14 | | 18 14 | 2 |
| MS51957-15 | | 3 - 12 | 2 |
| MS51957-15 | | 18 3 | 3 |
| MS51957-18 | | 5 30 | 1 |
| MS51957-18 | | 18 13 | 3 |
| MS51957-2 | | 18 9 | 2 |
| MS51957-21 | | 9 9 | 5 |
| MS51957-26 | | 3 9 | 3 |
| MS51957-28 | | 8 14 | 1 |
| MS51957-29 | | 3 - 5 | 4 |
| MS51957-34 | | 7 68 | 1 |
| MS51958-58 | | 11 8 | 2 |
| MS51958-64 | | 3 31 | 12 |
| MS51958-67 | | 8 16 | 1 |
| MS51959-12 | | 23 5 | 10 |
| MS51959-12 | | 23 20 | 2 |
| MS51959-12 | | 23 28 | 2 |
| MS51959-15 | | 3 45 | 6 |
| MS51959-16 | | 23 11 | 6 |
| MS51959-25 | | 3 34 | 7 |
| MS51959-25 | | 3 39 | 2 |
| MS51959-25 | | 3 42 | 3 |
| MS51959-25 | | 6 3 | 9 |
| MTP30N08M | | 7 79 | 2 |
| MV5491A | | 19 5 | 1 |
| N12 | | 23 26 | 1 |
| N80C188 | | 4 60 | 1 |
| NAS671C4 | | 6 7 | 4 |
| NAS671C4 | | 18 28 | 2 |
| NAS671C4 | | 18 30 | 4 |
| NAS671C6 | | 7 69 | 1 |
| NE5018D | | 4 79 | 4 |
| NS2001 | | 8 7 | 1 |
| PE6013 | | 18 42 | 3 |
| PE6023 | | 18 48 | 1 |
| PFC2-032-72 | | 3 77 | 3 |
| PIF130-12BLK | | 1 -155 | A/R |
| PIF130-1BLK | | 1 -157 | A/R |
| PIF130-2BLK | | 1 -152 | A/R |
| PIF130-38BLK | | 1 -153 | A/R |
| PIF130-716BLK | | 1 -154 | A/R |
| PIF130-78BLK | | 1 -156 | A/R |
| PK10 | | 8 13 | 1 |
| PN2222A | | 7 28 | 6 |
| PN2907A | | 5 36 | 1 |
| PN2907A | | 7 29 | 5 |
| PVC105-10BLK | | 1 -144 | A/R |
| PVC105-10CLR | | 1 -143 | A/R |
| PVC105-12BLK | | 1 -142 | A/R |
| PVC105-12CLR | | 1 -141 | A/R |
| PVC105-13CLR | | 1 -140 | A/R |
| PVC105-16CLR | | 1 -139 | A/R |
| PVC105-175FLATBLK | | 1 -162 | A/R |
| PVC105-20CLR | | 1 -138 | A/R |
| PVC105-38CLR | | 1 -151 | A/R |

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| PART NUMBER | AIRLINE PART NO | FIG–ITEM | TOTAL REQD |
|---|---|---|---|
| PVC105-516CLR | | 1 -149 | A/R |
| PVC105-5CLR | | 1 -146 | A/R |
| PVC105-6CLR | | 1 -145 | A/R |
| PVC80-4NAT | | 1 -148 | A/R |
| PVC80-516CLR | | 1 -150 | A/R |
| PVC80-5NAT | | 1 -147 | A/R |
| Q67100A8207 | | 4 88 | 1 |
| RG142BU | | 1 -181 | A/R |
| RG178BU | | 1 -193 | A/R |
| RG223U | | 1 -182 | A/R |
| RG316U | | 1 -194 | A/R |
| RG58AU | | 1 -180 | A/R |
| RG58AU | | 1 -191 | A/R |
| RGP20D | | 7 20 | 2 |
| RK73H2B1000F | | 4 51 | 3 |
| RK73H2B1000F | | 11 39 | 4 |
| RK73H2B1000F | | 15 27 | 4 |
| RK73H2B1000F | | 17 42 | 1 |
| RK73H2B1001F | | 4 33 | 6 |
| RK73H2B1001F | | 5 46 | 2 |
| RK73H2B1001F | | 11 63 | 1 |
| RK73H2B1001F | | 15 31 | 2 |
| RK73H2B1001F | | 17 35 | 2 |
| RK73H2B1002F | | 4 35 | 25 |
| RK73H2B1002F | | 5 63 | 4 |
| RK73H2B1002F | | 11 52 | 3 |
| RK73H2B1002F | | 15 30 | 3 |
| RK73H2B1002F | | 20 20 | 1 |
| RK73H2B1003F | | 4 53 | 2 |
| RK73H2B1003F | | 15 42 | 2 |
| RK73H2B1403F | | 11 67 | 1 |
| RK73H2B1500F | | 4 52 | 6 |
| RK73H2B1500F | | 11 56 | 3 |
| RK73H2B1500F | | 17 47 | 1 |
| RK73H2B1501F | | 15 28 | 1 |
| RK73H2B1502F | | 4 45 | 4 |
| RK73H2B1502F | | 11 40 | 6 |
| RK73H2B1503F | | 11 51 | 1 |
| RK73H2B15R0F | | 15 32 | 4 |
| RK73H2B15R0F | | 20 9 | 1 |
| RK73H2B1651F | | 11 68 | 1 |
| RK73H2B1820F | | 20 17 | 1 |
| RK73H2B1821F | | 11 45 | 1 |
| RK73H2B1823F | | 4 55 | 1 |
| RK73H2B18R2F | | 15 37 | 3 |
| RK73H2B18R2F | | 16 11 | 2 |
| RK73H2B18R2F | | 20 12 | 1 |
| RK73H2B2210F | | 5 48 | 1 |
| RK73H2B2210F | | 11 60 | 5 |
| RK73H2B2210F | | 20 11 | 1 |
| RK73H2B2211F | | 4 36 | 8 |
| RK73H2B2211F | | 11 46 | 4 |
| RK73H2B2212F | | 15 40 | 1 |
| RK73H2B2213F | | 5 64 | 1 |
| RK73H2B2214F | | 15 38 | 1 |
| RK73H2B22R1F | | 20 10 | 1 |
| RK73H2B24R3F | | 17 38 | 2 |
| RK73H2B2553F | | 4 40 | 2 |
| RK73H2B2740F | | 4 54 | 2 |
| RK73H2B2740F | | 11 59 | 1 |
| RK73H2B2740F | | 15 36 | 3 |
| RK73H2B2742F | | 15 35 | 3 |
| RK73H2B3320F | | 11 55 | 2 |
| RK73H2B3320F | | 20 16 | 1 |
| RK73H2B3321F | | 5 47 | 1 |
| RK73H2B3321F | | 11 54 | 1 |
| RK73H2B3321F | | 15 47 | 2 |
| RK73H2B33R2F | | 5 59 | 1 |
| RK73H2B33R2F | | 11 50 | 1 |
| RK73H2B33R2F | | 20 19 | 1 |
| RK73H2B3650F | | 11 48 | 2 |
| RK73H2B3653F | | 4 56 | 1 |
| RK73H2B3653F | | 11 66 | 1 |
| RK73H2B3920F | | 11 43 | 4 |
| RK73H2B3920F | | 17 37 | 2 |
| RK73H2B3921F | | 11 53 | 1 |
| RK73H2B39R2F | | 11 64 | 2 |
| RK73H2B39R2F | | 20 13 | 2 |
| RK73H2B4320F | | 11 58 | 1 |
| RK73H2B4750F | | 4 50 | 1 |
| RK73H2B4750F | | 11 42 | 2 |
| RK73H2B4750F | | 15 33 | 3 |
| RK73H2B4750F | | 17 46 | 1 |
| RK73H2B4751F | | 5 58 | 3 |
| RK73H2B4751F | | 11 44 | 3 |
| RK73H2B4751F | | 15 51 | 1 |
| RK73H2B4752F | | 15 34 | 1 |
| RK73H2B47R5F | | 11 47 | 3 |
| RK73H2B47R5F | | 15 29 | 4 |
| RK73H2B47R5F | | 16 10 | 3 |
| RK73H2B47R5F | | 17 36 | 1 |
| RK73H2B5111F | | 4 32 | 1 |
| RK73H2B51R1F | | 17 43 | 1 |
| RK73H2B51R1F | | 20 14 | 1 |
| RK73H2B5620F | | 4 39 | 2 |
| RK73H2B5621F | | 15 50 | 1 |
| RK73H2B5623F | | 4 47 | 2 |
| RK73H2B56R2F | | 11 49 | 1 |
| RK73H2B56R2F | | 20 15 | 1 |
| RK73H2B6810F | | 4 38 | 1 |
| RK73H2B6810F | | 15 39 | 4 |
| RK73H2B6811F | | 4 49 | 2 |
| RK73H2B6811F | | 11 61 | 2 |
| RK73H2B6812F | | 15 49 | 1 |
| RK73H2B68R1F | | 5 60 | 1 |
| RK73H2B68R1F | | 15 48 | 2 |
| RK73H2B68R1F | | 20 18 | 2 |
| RK73H2B8250F | | 11 69 | 1 |
| RK73H2B8251F | | 11 41 | 3 |
| RK73H2B8251F | | 15 46 | 1 |
| RK73H2B8252F | | 4 46 | 3 |
| RK73H2BT1004F | | 5 49 | 1 |
| RK73H2BT200F | | 17 45 | 1 |
| RK73H2V46R4F | | 11 57 | 2 |
| RLR05C04R7JR | | 7 48 | 1 |
| RLR05C0824JR | | 10 22 | 1 |
| RLR05C100JR | | 7 43 | 2 |
| RLR05C100JR | | 10 50 | 2 |
| RLR05C100JR | | 13 68 | 1 |
| RLR05C101JR | | 7 39 | 2 |

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| PART NUMBER | AIRLINE PART NO | FIG–ITEM | TOTAL REQD |
|---|---|---|---|
| RLR05C101JR | | 13 56 | 10 |
| RLR05C101JR | | 13 88 | 1 |
| RLR05C102JR | | 5 43 | 1 |
| RLR05C102JR | | 7 42 | 6 |
| RLR05C102JR | | 13 58 | 2 |
| RLR05C103JR | | 7 40 | 17 |
| RLR05C103JR | | 10 23 | 6 |
| RLR05C103JR | | 13 46 | 4 |
| RLR05C103JR | | 15 54 | 1 |
| RLR05C104JR | | 7 45 | 2 |
| RLR05C104JR | | 10 24 | 1 |
| RLR05C121JR | | 13 65 | 1 |
| RLR05C122JR | | 13 51 | 2 |
| RLR05C150JR | | 5 62 | 3 |
| RLR05C150JR | | 7 44 | 1 |
| RLR05C151JR | | 13 53 | 4 |
| RLR05C152JR | | 7 52 | 2 |
| RLR05C152JR | | 10 51 | 1 |
| RLR05C152JR | | 13 49 | 3 |
| RLR05C153JR | | 7 47 | 1 |
| RLR05C153JR | | 13 52 | 2 |
| RLR05C154JR | | 13 47 | 1 |
| RLR05C180JR | | 13 50 | 1 |
| RLR05C181JR | | 7 53 | 1 |
| RLR05C182JR | | 7 59 | 1 |
| RLR05C183JR | | 10 47 | 1 |
| RLR05C184JR | | 7 62 | 1 |
| RLR05C184JR | | 10 38 | 2 |
| RLR05C220JR | | 13 64 | 5 |
| RLR05C221JR | | 7 49 | 4 |
| RLR05C221JR | | 13 60 | 3 |
| RLR05C222JR | | 10 28 | 4 |
| RLR05C222JR | | 13 76 | 2 |
| RLR05C223JR | | 7 46 | 2 |
| RLR05C223JR | | 10 31 | 1 |
| RLR05C223JR | | 13 61 | 1 |
| RLR05C224JR | | 7 55 | 1 |
| RLR05C270JR | | 7 41 | 2 |
| RLR05C270JR | | 13 63 | 3 |
| RLR05C272JR | | 7 56 | 1 |
| RLR05C272JR | | 10 46 | 1 |
| RLR05C273JR | | 10 52 | 1 |
| RLR05C330JR | | 13 72 | 2 |
| RLR05C331JR | | 7 50 | 1 |
| RLR05C331JR | | 13 79 | 5 |
| RLR05C331JR | | 19 8 | 2 |
| RLR05C332JR | | 13 55 | 3 |
| RLR05C333JR | | 7 51 | 1 |
| RLR05C333JR | | 13 71 | 2 |
| RLR05C390JR | | 13 84 | 1 |
| RLR05C391JR | | 7 54 | 1 |
| RLR05C391JR | | 13 81 | 1 |
| RLR05C3R9JR | | 7 64 | 1 |
| RLR05C3R9JR | | 10 26 | 1 |
| RLR05C3R9JR | | 13 67 | 2 |
| RLR05C470JR | | 13 70 | 1 |
| RLR05C471JR | | 7 36 | 2 |
| RLR05C471JR | | 10 35 | 1 |
| RLR05C471JR | | 13 57 | 4 |
| RLR05C472JR | | 5 51 | 1 |
| RLR05C472JR | | 7 35 | 3 |
| RLR05C472JR | | 13 59 | 1 |
| RLR05C473JR | | 7 34 | 1 |
| RLR05C473JR | | 10 25 | 1 |
| RLR05C473JR | | 13 82 | 1 |
| RLR05C474JR | | 10 42 | 1 |
| RLR05C510JR | | 13 78 | 2 |
| RLR05C560JR | | 13 73 | 3 |
| RLR05C561JR | | 13 54 | 2 |
| RLR05C562JR | | 13 83 | 1 |
| RLR05C680JR | | 13 69 | 2 |
| RLR05C680JR | | 13 77 | 1 |
| RLR05C682JR | | 7 63 | 1 |
| RLR05C683JR | | 13 62 | 1 |
| RLR05C683JR | | 15 52 | 1 |
| RLR05C820JR | | 7 58 | 1 |
| RLR05C820JR | | 13 75 | 2 |
| RLR05C821JR | | 13 66 | 2 |
| RLR05C822JR | | 7 38 | 1 |
| RLR05C822JR | | 10 45 | 1 |
| RLR05C822JR | | 13 48 | 2 |
| RLR07C1000FR | | 10 27 | 2 |
| RLR07C1002FR | | 4 43 | 2 |
| RLR07C1002FR | | 5 44 | 1 |
| RLR07C102JR | | 8 11 | 1 |
| RLR07C121JR | | 10 37 | 2 |
| RLR07C152JR | | 13 86 | 1 |
| RLR07C2051FR | | 10 48 | 1 |
| RLR07C2211FR | | 4 44 | 1 |
| RLR07C2211FR | | 5 54 | 2 |
| RLR07C222JR | | 10 32 | 1 |
| RLR07C222JR | | 13 87 | 1 |
| RLR07C224JR | | 10 44 | 1 |
| RLR07C2611FR | | 10 49 | 1 |
| RLR07C273JR | | 10 40 | 1 |
| RLR07C2802FR | | 10 43 | 1 |
| RLR07C3092FR | | 4 41 | 2 |
| RLR07C331JR | | 7 65 | 1 |
| RLR07C331JR | | 13 85 | 1 |
| RLR07C3320FR | | 5 53 | 2 |
| RLR07C470JR | | 7 33 | 1 |
| RLR07C470JR | | 10 36 | 2 |
| RLR07C471JR | | 10 41 | 1 |
| RLR07C472JR | | 10 21 | 1 |
| RLR07C7682FR | | 4 42 | 1 |
| RLR07C8061FR | | 5 45 | 1 |
| RM73B2A101J | | 17 40 | 1 |
| RM73B2A390J | | 17 41 | 1 |
| RM73B2E181J | | 4 34 | 1 |
| RM73B2E181J | | 5 50 | 1 |
| RM73B2E221J | | 4 37 | 5 |
| RM73B2E221J | | 5 61 | 1 |
| RM73B2E510J | | 21 4 | 1 |
| RM73H2B000F | | 15 45 | 2 |
| RM73H2B000F | | 17 50 | 2 |
| RNC50J4751FS | | 5 57 | 2 |
| RNC50J68R1FS | | 5 55 | 6 |
| RNF100-34M63 | | 1 -128 | A/R |
| RNF100-38M63 | | 1 -125 | A/R |
| RNF100TYPE2CLR | | 1 -127 | A/R |

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| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|
| RPE121COG101J100V | | 10 16 | 1 |
| RPE121COG101J100V | | 13 8 | 11 |
| RPE121COG102J100V | | 7 12 | 3 |
| RPE121COG102J100V | | 13 6 | 21 |
| RPE121COG332J100V | | 7 9 | 2 |
| RT50R | | 3 22 | 1 |
| RTV128 | | 1 - 2 | A/R |
| S203 | | 4 2 | 2 |
| S203 | | 5 2 | 2 |
| SBL1-18 | | 13 39 | 1 |
| SG2526N | | 7 74 | 2 |
| SIF200-12 | | 1 -158 | A/R |
| SJ5027GREUY | | 23 30 | 4 |
| SJE1461 | | 4 30 | 1 |
| SN74F32D | | 5 88 | 1 |
| SR151A181JAA | | 5 13 | 2 |
| SR151A181JAA | | 13 7 | 2 |
| SR151A181JAA | | 13 15 | 8 |
| SR151A221JAA | | 7 16 | 1 |
| SR151A270JAA | | 13 4 | 1 |
| SR151A2R2JAA | | 13 13 | 1 |
| SR151A330JAA | | 13 3 | 1 |
| SR151A331JAA | | 13 9 | 3 |
| SR151A390JAA | | 13 16 | 2 |
| SR151A391JAA | | 5 17 | 2 |
| SR151A470JAA | | 7 10 | 2 |
| SR151A470JAA | | 10 8 | 3 |
| SR151A680JAA | | 10 9 | 1 |
| SR151A680JAA | | 13 12 | 3 |
| SR201A182JAA | | 5 14 | 2 |
| SR201A681JAA | | 13 10 | 2 |
| T1-1 | | 5 67 | 2 |
| T18I | | 1 -114 | A/R |
| T18R | | 1 -113 | A/R |
| T1BPAL22V10-15BCFN | | 4 77 | 1 |
| T2-1TKK81 | | 17 49 | 2 |
| T4-1X65 | | 11 71 | 1 |
| TC5517APL | | 4 91 | 1 |
| TFE18GA7SBLK | | 1 - 44 | A/R |
| TFE18GA7SBLU | | 1 - 50 | A/R |
| TFE18GA7SBRN | | 1 - 45 | A/R |
| TFE18GA7SGRN | | 1 - 49 | A/R |
| TFE18GA7SORN | | 1 - 47 | A/R |
| TFE18GA7SRED | | 1 - 46 | A/R |
| TFE18GA7SVIO | | 1 - 51 | A/R |
| TFE18GA7SWHTBLK | | 1 - 52 | A/R |
| TFE18GA7SWHTGRN | | 1 - 54 | A/R |
| TFE18GA7SWHTRED | | 1 - 53 | A/R |
| TFE18GA7SYEL | | 1 - 48 | A/R |
| TFE20GA7SBLK | | 1 - 56 | A/R |
| TFE20GA7SBLU | | 1 - 61 | A/R |
| TFE20GA7SGRN | | 1 - 60 | A/R |
| TFE20GA7SGRY | | 1 - 63 | A/R |
| TFE20GA7SORN | | 1 - 58 | A/R |
| TFE20GA7SRED | | 1 - 57 | A/R |
| TFE20GA7SVIO | | 1 - 62 | A/R |
| TFE20GA7SWHT | | 1 - 64 | A/R |
| TFE20GA7SYEL | | 1 - 59 | A/R |
| TFE22GA7SBLK | | 1 - 65 | A/R |
| TFE22GA7SBLU | | 1 - 71 | A/R |
| TFE22GA7SBRN | | 1 - 66 | A/R |
| TFE22GA7SGRN | | 1 - 70 | A/R |
| TFE22GA7SGRY | | 1 - 73 | A/R |
| TFE22GA7SORN | | 1 - 68 | A/R |
| TFE22GA7SRED | | 1 - 67 | A/R |
| TFE22GA7SVIO | | 1 - 72 | A/R |
| TFE22GA7SWHT | | 1 - 74 | A/R |
| TFE22GA7SWHTBLK | | 1 - 75 | A/R |
| TFE22GA7SWHTBLU | | 1 - 81 | A/R |
| TFE22GA7SWHTBRN | | 1 - 76 | A/R |
| TFE22GA7SWHTGRN | | 1 - 80 | A/R |
| TFE22GA7SWHTGRY | | 1 - 83 | A/R |
| TFE22GA7SWHTORN | | 1 - 78 | A/R |
| TFE22GA7SWHTRED | | 1 - 77 | A/R |
| TFE22GA7SWHTVIO | | 1 - 82 | A/R |
| TFE22GA7SWHTYEL | | 1 - 79 | A/R |
| TFE22GA7SYEL | | 1 - 69 | A/R |
| TFE26GA7SBLK | | 1 - 84 | A/R |
| TFE26GA7SBLU | | 1 - 90 | A/R |
| TFE26GA7SBRN | | 1 - 85 | A/R |
| TFE26GA7SGRN | | 1 - 89 | A/R |
| TFE26GA7SGRY | | 1 - 92 | A/R |
| TFE26GA7SORN | | 1 - 87 | A/R |
| TFE26GA7SRED | | 1 - 86 | A/R |
| TFE26GA7SVIO | | 1 - 91 | A/R |
| TFE26GA7SWHT | | 1 - 93 | A/R |
| TFE26GA7SWHTBLK | | 1 - 94 | A/R |
| TFE26GA7SWHTBLU | | 1 -100 | A/R |
| TFE26GA7SWHTBRN | | 1 - 95 | A/R |
| TFE26GA7SWHTGRN | | 1 - 99 | A/R |
| TFE26GA7SWHTGRY | | 1 -102 | A/R |
| TFE26GA7SWHTORN | | 1 - 97 | A/R |
| TFE26GA7SWHTRED | | 1 - 96 | A/R |
| TFE26GA7SWHTVIO | | 1 -101 | A/R |
| TFE26GA7SWHTYEL | | 1 - 98 | A/R |
| TFE26GA7SYEL | | 1 - 88 | A/R |
| TFM12MH | | 17 30 | 2 |
| TIBPAL16R412CFN | | 5 76 | 1 |
| TL287IP | | 10 56 | 3 |
| TL7705AID | | 4 71 | 1 |
| TMPD2836 | | 15 15 | 1 |
| TMPD4448 | | 4 21 | 9 |
| TMPD4448 | | 5 20 | 3 |
| TMS320C25FNL | | 5 71 | 1 |
| TN82510 | | 4 78 | 1 |
| TSW101-08TDRA | | 4 27 | 1 |
| TVX0J102MCA | | 4 17 | 1 |
| TVX1E470MAA | | 7 11 | 1 |
| TVX1V332MDA | | 8 6 | 1 |
| TZ03Z500YR | | 13 5 | 2 |
| TZB04R500AB | | 17 10 | 2 |
| UK50-103 | | 14 12 | 1 |
| UPA1C331M | | 7 6 | 8 |
| US685400 | | 4 26 | 1 |
| US685400 | | 5 89 | 1 |
| USL1V4R7MCA | | 7 17 | 2 |
| UT85 | | 1 -195 | A/R |
| V275LA20A | | 18 26 | 2 |
| VE3C | | 2 - 9 | 1 |
| VIN66AS12BLK | | 1 -160 | A/R |

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| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|
| VIN66AS15FLATBLK | | 1 -161 | A/R |
| VJ0805A3R3DXBMB | | 16 4 | 4 |
| WS57C49B35T | | 5 1 95 | 2 |
| XC1736PD8C | | 4 99 | 3 |
| XC2064-70PC68I | | 4 72 | 1 |
| XC3090-70PG175I | | 4 87 | 1 |
| XC5A2022 | | 5 4 | 1 |
| XC5B2021 | | 22 5 | 1 |
| XC5C4822 | | 4 6 | 1 |
| XC5D4821 | | 22 7 | 1 |
| ZB1105MI | | 3 - 11 | 2 |
| ZIZ0375SHN3B38 | | 1 -159 | A/R |

| PART NUMBER | AIRLINE PART NO | FIG – ITEM | TOTAL REQD |
|---|---|---|---|

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| C14001 | 7 6 | C18018 | 17 13 | C21031 | 11 12 | C22049 | 13 6 |
| C14002 | 7 7 | C18019 | 17 13 | C21032 | 11 15 | C22050 | 13 8 |
| C14003 | 7 8 | C18020 | 17 14 | C21033 | 11 12 | C22051 | 13 2 |
| C14005 | 7 9 | C18021 | 17 14 | C21034 | 11 24 | C22052 | 13 16 |
| C14006 | 7 8 | C18022 | 17 8 | C21035 | 11 25 | C22053 | 13 8 |
| C14007 | 7 10 | C18023 | 17 15 | C21036 | 11 12 | C22055 | 13 5 |
| C14008 | 7 11 | C18024 | 17 8 | C21037 | 11 12 | C22056 | 13 6 |
| C14009 | 7 12 | C18025 | 17 16 | C21038 | 11 12 | C22057 | 13 2 |
| C14010 | 7 13 | C18026 | 17 16 | C21039 | 11 12 | C22058 | 13 2 |
| C14011 | 7 12 | C18027 | 17 17 | C21040 | 11 12 | C22059 | 13 6 |
| C14012 | 7 9 | C18028 | 17 17 | C21041 | 11 26 | C22060 | 13 15 |
| C14013 | 7 8 | C18029 | 17 8 | C21042 | 11 12 | C22061 | 13 8 |
| C14014 | 7 16 | C18030 | 17 15 | C22001 | 13 2 | C22062 | 13 15 |
| C14015 | 7 12 | C18031 | 17 8 | C22002 | 13 3 | C22063 | 13 9 |
| C14016 | 7 6 | C18032 | 17 18 | C22003 | 13 4 | C22064 | 13 15 |
| C14017 | 7 14 | C18033 | 17 5 | C22004 | 13 5 | C22065 | 13 8 |
| C14018 | 7 15 | C18034 | 17 19 | C22005 | 13 6 | C22066 | 13 15 |
| C14019 | 7 6 | C20001 | 10 8 | C22006 | 13 7 | C22067 | 13 6 |
| C14020 | 7 14 | C20002 | 10 8 | C22007 | 13 7 | C22068 | 13 11 |
| C14021 | 7 15 | C20003 | 10 8 | C22008 | 13 8 | C22069 | 13 6 |
| C14022 | 7 6 | C20006 | 10 9 | C22009 | 13 2 | C22070 | 13 6 |
| C14023 | 7 6 | C20007 | 10 10 | C22010 | 13 2 | C22071 | 13 2 |
| C14025 | 7 8 | C20008 | 10 11 | C22011 | 13 8 | C22072 | 13 6 |
| C14026 | 7 8 | C20009 | 10 12 | C22012 | 13 8 | C22073 | 13 2 |
| C14027 | 7 8 | C20012 | 10 11 | C22013 | 13 6 | C22074 | 13 6 |
| C14028 | 7 8 | C20013 | 10 11 | C22014 | 13 6 | C22076 | 13 6 |
| C14029 | 7 8 | C20014 | 10 13 | C22015 | 13 2 | C22077 | 13 2 |
| C14030 | 7 6 | C20015 | 10 14 | C22016 | 13 9 | C22079 | 13 17 |
| C14031 | 7 15 | C20016 | 10 15 | C22017 | 13 6 | C22080 | 13 18 |
| C14032 | 7 15 | C20017 | 10 16 | C22018 | 13 10 | C22081 | 13 11 |
| C14034 | 7 10 | C21001 | 11 11 | C22019 | 13 10 | C24001 | 15 2 |
| C14035 | 7 8 | C21002 | 11 12 | C22020 | 13 11 | C24002 | 15 2 |
| C14037 | 7 6 | C21003 | 11 13 | C22021 | 13 6 | C24003 | 15 2 |
| C14038 | 7 6 | C21004 | 11 11 | C22022 | 13 12 | C24004 | 15 3 |
| C14039 | 7 8 | C21005 | 11 12 | C22023 | 13 13 | C24005 | 15 4 |
| C14040 | 7 8 | C21006 | 11 11 | C22024 | 13 12 | C24006 | 15 5 |
| C14042 | 7 17 | C21007 | 11 13 | C22025 | 13 12 | C24009 | 15 2 |
| C14043 | 7 17 | C21008 | 11 12 | C22026 | 13 14 | C24010 | 15 3 |
| C14044 | 7 8 | C21009 | 11 13 | C22027 | 13 6 | C24011 | 15 6 |
| C15001 | 8 5 | C21010 | 11 12 | C22028 | 13 2 | C24013 | 15 2 |
| C15002 | 8 5 | C21011 | 11 14 | C22029 | 13 6 | C24014 | 15 3 |
| C15003 | 8 6 | C21012 | 11 12 | C22030 | 13 6 | C24015 | 15 6 |
| C16001 | 14 15 | C21013 | 11 12 | C22031 | 13 6 | C24018 | 15 3 |
| C16002 | 14 12 | C21014 | 11 13 | C22032 | 13 2 | C24019 | 15 3 |
| C16003 | 14 28 | C21015 | 11 15 | C22033 | 13 6 | C24020 | 15 3 |
| C18001 | 17 2 | C21016 | 11 13 | C22034 | 13 11 | C24021 | 15 7 |
| C18003 | 17 3 | C21017 | 11 12 | C22035 | 13 6 | C24022 | 15 7 |
| C18004 | 17 4 | C21018 | 11 16 | C22036 | 13 15 | C24023 | 15 8 |
| C18005 | 17 5 | C21019 | 11 17 | C22037 | 13 8 | C24024 | 15 9 |
| C18006 | 17 5 | C21020 | 11 18 | C22038 | 13 15 | C24025 | 15 10 |
| C18007 | 17 6 | C21021 | 11 19 | C22039 | 13 9 | C24026 | 15 2 |
| C18008 | 17 7 | C21022 | 11 16 | C22040 | 13 15 | C24027 | 15 11 |
| C18009 | 17 8 | C21023 | 11 12 | C22041 | 13 8 | C24028 | 15 11 |
| C18011 | 17 9 | C21024 | 11 20 | C22042 | 13 15 | C24029 | 15 11 |
| C18012 | 17 9 | C21025 | 11 17 | C22043 | 13 8 | C24030 | 15 12 |
| C18013 | 17 10 | C21026 | 11 21 | C22044 | 13 2 | C24031 | 15 10 |
| C18014 | 17 11 | C21027 | 11 22 | C22045 | 13 8 | C24032 | 15 11 |
| C18015 | 17 12 | C21028 | 11 23 | C22046 | 13 6 | C24033 | 15 5 |
| C18016 | 17 10 | C21029 | 11 12 | C22047 | 13 2 | C24034 | 15 2 |

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| C24036 | 15 11 | C26049 | 5 8 | C27030 | 4 8 | C27090 | 4 8 |
| C24037 | 15 5 | C26050 | 5 10 | C27031 | 4 8 | C27091 | 4 12 |
| C24038 | 15 2 | C26051 | 5 8 | C27032 | 4 8 | C27092 | 4 12 |
| C24039 | 15 3 | C26052 | 5 11 | C27033 | 4 8 | C27093 | 4 12 |
| C24040 | 15 11 | C26054 | 5 12 | C27034 | 4 8 | C27094 | 4 8 |
| C24041 | 15 5 | C26057 | 5 13 | C27035 | 4 8 | C27095 | 4 12 |
| C24042 | 15 2 | C26058 | 5 13 | C27036 | 4 8 | C27096 | 4 13 |
| C24043 | 15 3 | C26059 | 5 14 | C27037 | 4 8 | C27097 | 4 10 |
| C24044 | 15 3 | C26060 | 5 14 | C27038 | 4 8 | C27098 | 4 8 |
| C24045 | 15 2 | C26061 | 5 15 | C27039 | 4 8 | C27099 | 4 10 |
| C24046 | 15 13 | C26062 | 5 16 | C27040 | 4 11 | C27100 | 4 13 |
| C24047 | 15 14 | C26063 | 5 15 | C27041 | 4 12 | C27101 | 4 17 |
| C24050 | 15 11 | C26064 | 5 16 | C27042 | 4 13 | C27102 | 4 8 |
| C24051 | 15 11 | C26065 | 5 17 | C27043 | 4 14 | C27103 | 4 8 |
| C26001 | 5 6 | C26066 | 5 17 | C27044 | 4 8 | C27104 | 4 12 |
| C26002 | 5 7 | C26067 | 5 18 | C27045 | 4 11 | C27105 | 4 12 |
| C26003 | 5 6 | C26068 | 5 6 | C27046 | 4 12 | C27106 | 4 8 |
| C26004 | 5 6 | C26069 | 5 6 | C27047 | 4 13 | C27107 | 4 12 |
| C26005 | 5 7 | C26070 | 5 18 | C27048 | 4 14 | C27108 | 4 18 |
| C26006 | 5 6 | C26071 | 5 6 | C27049 | 4 15 | C27109 | 4 8 |
| C26007 | 5 6 | C26072 | 5 6 | C27050 | 4 15 | C29001 | 23 13 |
| C26008 | 5 7 | C26073 | 5 8 | C27051 | 4 8 | C29002 | 23 13 |
| C26009 | 5 8 | C26074 | 5 8 | C27052 | 4 8 | C29003 | 23 14 |
| C26010 | 5 8 | C26075 | 5 8 | C27053 | 4 8 | C29004 | 23 15 |
| C26011 | 5 8 | C26076 | 5 8 | C27054 | 4 8 | C30001 | 20 5 |
| C26012 | 5 8 | C26077 | 5 19 | C27055 | 4 8 | C30002 | 20 6 |
| C26013 | 5 8 | C26078 | 5 8 | C27056 | 4 8 | C31001 | 16 2 |
| C26014 | 5 8 | C26079 | 5 9 | C27057 | 4 8 | C31002 | 16 3 |
| C26015 | 5 8 | C26080 | 5 8 | C27058 | 4 8 | C31003 | 16 4 |
| C26016 | 5 8 | C26081 | 5 19 | C27059 | 4 8 | C31004 | 16 4 |
| C26017 | 5 8 | C26082 | 5 19 | C27060 | 4 8 | C31005 | 16 3 |
| C26018 | 5 8 | C27001 | 4 8 | C27061 | 4 8 | C31006 | 16 5 |
| C26021 | 5 8 | C27002 | 4 8 | C27062 | 4 11 | C31007 | 16 5 |
| C26022 | 5 8 | C27003 | 4 8 | C27063 | 4 12 | C31008 | 16 3 |
| C26023 | 5 8 | C27004 | 4 8 | C27064 | 4 11 | C31009 | 16 5 |
| C26024 | 5 8 | C27005 | 4 8 | C27065 | 4 14 | C31010 | 16 5 |
| C26025 | 5 8 | C27006 | 4 8 | C27066 | 4 8 | C31011 | 16 3 |
| C26026 | 5 8 | C27007 | 4 8 | C27067 | 4 11 | C31012 | 16 6 |
| C26027 | 5 7 | C27008 | 4 8 | C27068 | 4 13 | C31013 | 16 7 |
| C26028 | 5 6 | C27009 | 4 8 | C27069 | 4 8 | C31014 | 16 2 |
| C26029 | 5 7 | C27010 | 4 8 | C27070 | 4 8 | C31015 | 16 7 |
| C26030 | 5 6 | C27011 | 4 8 | C27071 | 4 8 | C31016 | 16 4 |
| C26031 | 5 6 | C27012 | 4 8 | C27072 | 4 16 | C31017 | 16 4 |
| C26032 | 5 6 | C27013 | 4 8 | C27073 | 4 15 | C31018 | 16 2 |
| C26033 | 5 6 | C27014 | 4 8 | C27074 | 4 15 | C31019 | 16 2 |
| C26034 | 5 8 | C27015 | 4 8 | C27075 | 4 14 | CR13001 | 19 4 |
| C26035 | 5 8 | C27016 | 4 8 | C27076 | 4 8 | CR13002 | 19 4 |
| C26036 | 5 8 | C27017 | 4 8 | C27077 | 4 8 | CR13003 | 19 5 |
| C26037 | 5 8 | C27018 | 4 8 | C27078 | 4 12 | CR14001 | 7 18 |
| C26038 | 5 8 | C27019 | 4 8 | C27079 | 4 12 | CR14002 | 7 18 |
| C26039 | 5 7 | C27020 | 4 8 | C27080 | 4 8 | CR14003 | 7 19 |
| C26040 | 5 7 | C27021 | 4 8 | C27081 | 4 8 | CR14004 | 7 20 |
| C26041 | 5 6 | C27022 | 4 8 | C27082 | 4 8 | CR14005 | 7 21 |
| C26042 | 5 6 | C27023 | 4 9 | C27083 | 4 10 | CR14006 | 7 21 |
| C26043 | 5 8 | C27024 | 4 10 | C27084 | 4 8 | CR14007 | 7 20 |
| C26044 | 5 8 | C27025 | 4 10 | C27085 | 4 8 | CR14008 | 7 22 |
| C26045 | 5 8 | C27026 | 4 8 | C27086 | 4 8 | CR14009 | 7 23 |
| C26046 | 5 9 | C27027 | 4 8 | C27087 | 4 8 | CR14010 | 7 18 |
| C26047 | 5 8 | C27028 | 4 8 | C27088 | 4 8 | CR14011 | 7 18 |

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| CR14013 | 7 | 18 | CR31003 | 16 | 9 | J17038 | 14 | 24 | L21001 | 11 | 30 |
| CR14014 | 7 | 19 | CR31004 | 16 | 9 | J18041 | 14 | 32 | L21002 | 11 | 30 |
| CR14015 | 7 | 19 | CR31005 | 16 | 9 | J19033 | 12 | 2 | L21003 | 11 | 31 |
| CR14016 | 7 | 24 | CR31006 | 16 | 9 | J19036 | 12 | 2 | L21004 | 11 | 31 |
| CR15001 | 8 | 7 | DL26001 | 5 | 24 | J19060 | 12 | 2 | L21005 | 11 | 31 |
| CR15002 | 8 | 8 | DL27001 | 4 | 25 | J20025 | 10 | 6 | L21006 | 11 | 32 |
| CR18001 | 17 | 20 | E25001 | 22 | 16 | J20026 | 14 | 2 | L21007 | 11 | 33 |
| CR20001 | 10 | 17 | F12001 | 18 | 52 | J20026 | 10 | 6 | L21008 | 11 | 34 |
| CR21001 | 11 | 27 | F14001 | 7 | 25 | J20062 | 10 | 7 | L21009 | 11 | 33 |
| CR21002 | 11 | 27 | FL16001 | 14 | 9 | J25001 | 22 | 2 | L21010 | 11 | 35 |
| CR21003 | 11 | 27 | FL16002 | 14 | 9 | J25002 | 22 | 2 | L22001 | 13 | 24 |
| CR21004 | 11 | 28 | FL16003 | 14 | 10 | J25003 | 22 | 2 | L22002 | 13 | 25 |
| CR21005 | 11 | 29 | FL16005 | 14 | 9 | J25004 | 22 | 2 | L22003 | 13 | 26 |
| CR21006 | 11 | 29 | FL16006 | 14 | 9 | J25005 | 22 | 2 | L22004 | 13 | 27 |
| CR22001 | 13 | 19 | FL16007 | 14 | 26 | J25008 | 22 | 3 | L22005 | 13 | 26 |
| CR22002 | 13 | 20 | FL16008 | 14 | 29 | J25009 | 22 | 2 | L22006 | 13 | 28 |
| CR22003 | 13 | 21 | FL16009 | 14 | 29 | J25010 | 22 | 3 | L22007 | 13 | 26 |
| CR22004 | 13 | 22 | FL16010 | 14 | 29 | J25011 | 22 | 4 | L22008 | 13 | 29 |
| CR22005 | 13 | 22 | FL16011 | 14 | 29 | J25014 | 22 | 4 | L22009 | 13 | 30 |
| CR22006 | 13 | 23 | FL16012 | 14 | 29 | J26006 | 22 | 5 | L22010 | 13 | 31 |
| CR22007 | 13 | 23 | FL16014 | 14 | 34 | J26016 | 22 | 6 | L22011 | 13 | 32 |
| CR22008 | 13 | 21 | FL16015 | 14 | 13 | J27007 | 22 | 7 | L22012 | 13 | 33 |
| CR22009 | 13 | 21 | FL19001 | 12 | 7 | J27015 | 22 | 6 | L22013 | 13 | 34 |
| CR22010 | 13 | 21 | FL19002 | 12 | 8 | J27051 | 4 | 4 | L22015 | 13 | 27 |
| CR22011 | 13 | 21 | FL19003 | 12 | 8 | J27052 | 4 | 5 | L22018 | 13 | 30 |
| CR22012 | 13 | 23 | FL19004 | 12 | 8 | J28028 | 21 | 2 | L22019 | 13 | 35 |
| CR22013 | 13 | 23 | FL19005 | 12 | 7 | J28029 | 21 | 2 | L22020 | 13 | 25 |
| CR24001 | 15 | 15 | FL19006 | 12 | 7 | J29001 | 23 | 7 | L22021 | 13 | 30 |
| CR24002 | 15 | 16 | FL19007 | 12 | 7 | J30043 | 20 | 2 | L22022 | 13 | 35 |
| CR24003 | 15 | 17 | FL19008 | 12 | 7 | J30044 | 20 | 3 | L22023 | 13 | 25 |
| CR24004 | 15 | 18 | FL19010 | 12 | 7 | J31040 | 14 | 22 | L22024 | 13 | 30 |
| CR26001 | 5 | 20 | FL19011 | 12 | 7 | J32032 | 11 | 2 | L22025 | 13 | 30 |
| CR26002 | 5 | 21 | FL32012 | 11 | 6 | J33049A/B | 8 | 4 | L22026 | 13 | 36 |
| CR26003 | 5 | 20 | FL32013 | 11 | 6 | JTB20001 | 10 | 18 | L22027 | 13 | 37 |
| CR26004 | 5 | 20 | FL32014 | 11 | 6 | JTB27001 | 4 | 27 | L22028 | 13 | 36 |
| CR26005 | 5 | 22 | G27001 | 4 | 26 | L14001 | 7 | 26 | L22029 | 13 | 34 |
| CR26006 | 5 | 23 | J10050 | 18 | 29 | L14003 | 7 | 26 | L22030 | 13 | 33 |
| CR26007 | 5 | 23 | J10053 | 18 | 37 | L14005 | 7 | 26 | L22031 | 13 | 32 |
| CR27001 | 4 | 19 | J10054/J12017 | 18 | 41 | L14006 | 7 | 26 | L22032 | 13 | 31 |
| CR27002 | 4 | 19 | J10055/J12046 | 18 | 41 | L14007 | 7 | 26 | L22033 | 13 | 24 |
| CR27003 | 4 | 20 | J10056/J12020 | 18 | 41 | L14008 | 7 | 27 | L22034 | 13 | 38 |
| CR27004 | 4 | 20 | J10057/J12018 | 18 | 44 | L18001 | 17 | 21 | L24001 | 15 | 19 |
| CR27005 | 4 | 21 | J10058/J12019 | 18 | 47 | L18003 | 17 | 21 | L24002 | 15 | 20 |
| CR27006 | 4 | 21 | J11048 | 6 | 12 | L18004 | 17 | 22 | L24006 | 15 | 21 |
| CR27007 | 4 | 21 | J11048 | 7 | 77 | L18005 | 17 | 23 | L24007 | 15 | 22 |
| CR27008 | 4 | 21 | J12045 | 20 | 4 | L18008 | 17 | 24 | L26001 | 5 | 25 |
| CR27009 | 4 | 21 | J12059 | 18 | 22 | L18009 | 17 | 25 | L26002 | 5 | 25 |
| CR27010 | 4 | 21 | J12061 | 20 | 2 | L18010 | 17 | 24 | L26003 | 5 | 26 |
| CR27011 | 4 | 22 | J16039 | 14 | 35 | L18011 | 17 | 25 | L26004 | 5 | 26 |
| CR27012 | 4 | 21 | J16042 | 14 | 5 | L18012 | 17 | 26 | L26005 | 5 | 27 |
| CR27013 | 4 | 23 | J17021 | 10 | 2 | L18013 | 17 | 27 | L26006 | 5 | 27 |
| CR27014 | 4 | 21 | J17022 | 10 | 3 | L18014 | 17 | 26 | L26007 | 5 | 28 |
| CR27015 | 4 | 20 | J17023 | 10 | 4 | L18015 | 17 | 27 | L26008 | 5 | 28 |
| CR27016 | 4 | 24 | J17024 | 10 | 4 | L18016 | 17 | 28 | L26009 | 5 | 29 |
| CR27017 | 4 | 24 | J17027 | 10 | 5 | L18017 | 17 | 28 | L26010 | 5 | 29 |
| CR27018 | 4 | 21 | J17030 | 11 | 2 | L18018 | 17 | 23 | L27001 | 4 | 28 |
| CR30001 | 20 | 7 | J17031 | 11 | 2 | L18019 | 17 | 23 | L29002 | 23 | 16 |
| CR30002 | 20 | 8 | J17034 | 12 | 2 | L18020 | 17 | 29 | MXR18001 | 17 | 30 |
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| P12045 | 3 55 | Q22009 | 13 44 | R14026 | 7 40 | R18014 | 17 45 |
| P12059 | 3 50 | Q22010 | 13 44 | R14027 | 7 40 | R18015 | 17 44 |
| P17021 | 22 17 | Q22011 | 13 40 | R14028 | 7 42 | R18020 | 17 46 |
| P17022 | 3 58 | Q22012 | 13 40 | R14029 | 7 41 | R18021 | 17 38 |
| P17027 | 3 55 | Q22013 | 13 40 | R14030 | 7 40 | R18022 | 17 47 |
| P20025 | 12 4 | Q22014 | 13 40 | R14031 | 7 48 | R20001 | 10 21 |
| P20062 | 11 4 | Q23001 | 6 14 | R14032 | 7 43 | R20002 | 10 22 |
| P23047 | 22 11 | Q23001 | 7 79 | R14033 | 7 49 | R20003 | 10 23 |
| P23047 | 7 2 | Q23002 | 6 14 | R14034 | 7 49 | R20004 | 10 24 |
| P25008 | 3 58 | Q23002 | 7 79 | R14044 | 7 42 | R20005 | 10 25 |
| P25010 | 19 2 | Q24001 | 15 23 | R14046 | 7 42 | R20006 | 10 26 |
| P25014 | 18 35 | Q24002 | 15 24 | R14047 | 7 50 | R20007 | 10 27 |
| P26006 | 5 4 | Q24003 | 15 25 | R14049 | 7 40 | R20008 | 10 28 |
| P26016 | 5 5 | Q24004 | 15 25 | R14050 | 7 51 | R20009 | 10 29 |
| P27007 | 4 6 | Q24005 | 15 25 | R14051 | 7 35 | R20010 | 10 30 |
| P27015 | 4 7 | Q24006 | 15 26 | R14052 | 7 52 | R20011 | 10 28 |
| P27051 | 18 17 | Q24007 | 15 25 | R14053 | 7 53 | R20012 | 10 31 |
| P27052 | 3 52 | Q24008 | 15 25 | R14054 | 7 40 | R20013 | 10 28 |
| P33049A | 18 23 | Q24009 | 15 25 | R14055 | 7 54 | R20014 | 10 32 |
| P33049B | 22 9 | Q24010 | 15 23 | R14057 | 7 45 | R20015 | 10 27 |
| Q14001 | 7 28 | Q26001 | 5 35 | R14058 | 7 55 | R20016 | 10 33 |
| Q14002 | 7 29 | Q26002 | 5 36 | R14059 | 7 56 | R20017 | 10 23 |
| Q14004 | 7 28 | Q26003 | 5 37 | R14060 | 7 52 | R20018 | 10 28 |
| Q14005 | 7 30 | Q26004 | 5 38 | R14061 | 7 57 | R20019 | 10 29 |
| Q14006 | 7 29 | Q26005 | 5 39 | R14062 | 7 40 | R20020 | 10 34 |
| Q14007 | 7 28 | Q27001 | 4 29 | R14063 | 7 58 | R20021 | 10 35 |
| Q14008 | 7 29 | Q27002 | 4 29 | R14064 | 7 39 | R20024 | 10 36 |
| Q14011 | 7 29 | Q27003 | 4 29 | R14065 | 7 59 | R20025 | 10 36 |
| Q14012 | 7 30 | Q27004 | 4 29 | R14066 | 7 46 | R20026 | 10 37 |
| Q14013 | 7 31 | Q27005 | 4 30 | R14067 | 7 40 | R20027 | 10 37 |
| Q14014 | 7 28 | Q27006 | 4 31 | R14068 | 7 49 | R20028 | 10 38 |
| Q14015 | 7 28 | Q27007 | 4 31 | R14069 | 7 49 | R20029 | 10 39 |
| Q14016 | 7 28 | Q27008 | 4 31 | R14070 | 7 40 | R20030 | 10 40 |
| Q14017 | 7 29 | R13001 | 19 6 | R14071 | 7 40 | R20031 | 10 41 |
| Q15001 | 8 9 | R13002 | 19 8 | R14072 | 7 36 | R20032 | 10 29 |
| Q18001 | 17 32 | R13003 | 19 8 | R14073 | 7 60 | R20033 | 10 38 |
| Q18002 | 17 33 | R14001 | 7 32 | R14074 | 7 61 | R20034 | 10 42 |
| Q18003 | 17 34 | R14002 | 7 33 | R14075 | 7 62 | R20035 | 10 43 |
| Q18004 | 17 32 | R14003 | 7 34 | R14078 | 7 63 | R20036 | 10 44 |
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